



**CABLE**

**CATALOGUE**

**2016**

# Table of contents

## Control cables

LIHH	6/6
HHMB	7/9
HHMB-O-cUL	10/10
HCHMB	11/12
HCHMB-TP	13/14
KVCC	15/17
KVCY	18/20
Trioflex CC	21/22
Trioflex CY-OZ	23/24
Trioflex CY-JZ	25/26
UL-LIYY-JZ	27/28
UL-LIYCY-JZ	29/29
UL-LIYYCY-JZ	30/31
UL-LIYCY	32/33
C	34/35
CC	36/39
CC-OZ	40/41
CC-OB	42/43
CC-JB	44/45
CY	46/49
CY BLACK	50/50
CY-OZ	51/51
CY-JZ	52/53
CY-CO	54/55
CKY	56/57
SO	58/59
SO MB	60/61
MS	62/63
H05V2-K	64/65
H05Z-K	66/67
H07V2-K	68/70
Trioflex MS	71/74
H07Z-K	75/77
EQ C	78/79
EQ CC	80/83
EQ CC-JB	84/85
EQ CC-OB	86/87
EQ CC-OZ	88/89
New chapter	90/91
EQ CKY	92/93
EQ CY	94/96
EQ CY-JZ	97/98
EQ CY-OZ	99/100
EQ LIY(ST)CY-OZ	101/101
EQ LIY(ST)CY-JZ	102/102
EQ LIYYCY-JZ	103/103
PUR-TPE	104/106
PUR-TPE-CY	107/108
PUR-TPE-CW	109/109
PUR-PVC	110/111
PUR-PVC-CY	112/113
LED	114/114

## Cables for dynamic applications

Highflex CC-BD UL/CSA	115/116
Highflex CY-BD UL/CSA	117/118
Highflex UL	119/119
Highflex Pro CC	120/121
Highflex Pro CY	122/123
Highflex Pro CY-OZ	124/124
Highflex Pro CY-JZ	125/126
Highflex Pro CKY	127/127
Highflex 3D	128/128
Highflex CC	129/130
Highflex CY	131/132
Highflex PUR-PBT	133/134
Highflex PUR-PBT-CY	135/136
Highflex PUR-TPE-CKY	137/138
CAT5E UL Highflex	139/139
CAT5E-X Highflex	140/140
CAT6 Highflex	141/141
CAT7 Highflex	142/142
Profinet Highflex	143/143
Profibus Highflex	144/144
ESUY	145/146
FN	147/148
FCK	149/150
BK	151/152
LSTN	153/154
LC	155/155
FLGOU	156/156
CN	157/157
PUR-H	158/159
PRO-H	160/161
NSHTÖU	162/163
CAT6A Lift	164/164
CAT7 Lift	165/165
Laskabels neopreen	166/167
Spiraalsnoer Polyurethaan	168/173
Spiraalsnoer Santoprene	174/174
Spiraalsnoer met stekker	175/176
New chapter	177/177

## **Power supply cables**

TRAY CABLES CC	178/179
TRAY CABLES CY	180/181
INSTALCARE	182/182
YK	183/184
YKO	185/186
EMC-FLEX	187/188
EMC-HHMB	189/190
EMC-XLPE	191/192
H05RR-F	193/193
H07RN-F	194/196
JWPK	197/198
NEOPREEN 3KV	199/199

## **Fire resistant cables**

CAT4 UTP FB90_E30	200/200
JBM E30-60	201/202
JBM E90	203/204
SMZK	205/205

## Cables for high temperature applications

FLEXELLENT SAN	206/207
FLEXELLENT SAN-C	208/209
FLEXELLENT SAN-F	210/211
Radox 125 montagesnoer	212/215
Radox 155 montagesnoer	216/218
Radox 125 kabel	219/220
Radox 125 CY kabel	221/222
Radox GKW tractiekabel	223/224
Radox GKW tractiekabel EMC	225/226
Radox 3 GKW tractieleiding	227/228
Radox 3 GKW/S tractiekabel EMC	229/229
Radox 4 GKW-AX tractieleiding	230/231
Radox 4 GKW-AX tractieleiding EMC	232/232
Radox 9 GKW tractiekabel	233/234
Radox Databus	235/235
Radox Databus EMC	236/236
Radox Databus CAT	237/237
Radox Tenuis	238/239
Radox Tenuis EMC	240/240
SIMX	241/242
SIMX-P	243/244
SISV	245/246
SIMX-F	247/249
SIMX-D	250/250
SIF/GL	251/252
SIF/Z	253/253
SIFF	254/254
PTFE	255/256
NVS	257/258
TEH-GLP	259/259

## Communication cables

YY-ST 06	260/261
YY-ST Kema	262/263
YY-Z-ST Kema	264/265
HH-ST	266/267
WDK	268/268
WDK MBZH	269/270
Ascom YY	271/272
Ascom YY-ST	273/274
Instabus	275/275
Alarmkabel halogeenvrij	276/276
New chapter	277/278
New chapter	279/280
JPV-af	281/283
JPV-2af	284/286
JPOOV-af	287/289
JPOOV-2af	290/291
JPPDV-AF	292/293
JPPDV-2af	294/295
N45 Halogeenvrij	296/296
N88	297/298
N92	299/299

## Cables for special solutions

Cat5E ATEX	300/300
Radox Marinekabel TP	301/302



Radox Marinekabel MC	303/304
Care-flex	305/306
Camflex ZX	307/307
Camflex CC	308/309
Camflex CC-SWB	310/310
Camflex CY	311/311
Coax RG58 Halogeenvrij	312/312
Coax RG59	313/313
Coax RG59 Halogeenvrij	314/314
Coax RG59 Flex Halogeenvrij	315/315
Coax RG174	316/316
Coax RG174 Halogeenvrij	317/317
Coax RG213 Halogeenvrij	318/318
Coax RG214 Halogeenvrij	319/319
Coax RG223	320/320
Coax RG223 Halogeenvrij	321/321
Coax RG62 Halogeenvrij	322/322
Coax RG11	323/323
Coax Teflon	324/324
Coax 12	325/325
Coax 6	326/326
Coax 3	327/327
Coax 9	328/328
Armaflex	329/330
Armaflex-T	331/331
Profibus	332/332
CAT7 flexibel	333/333

## Control cable Ecoflex LIHH



**Application** : Flexible control cable for industrial and security installations, cable is completely halogenfree and low smoke. The material can be recycled and is eco-friendly.

**TECHNICAL DATA** : 0140204

Dimension	: 4x0.34
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Polyolefin
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 4.8mm
Permitted cable outer temperature, in movement	: -10°C to 80°C
Permitted cable outer temperature, fixed	: -30°C to 80°C
Nominal voltage U	: 300V
Core protecton	: No

## Control cable Ecoflex HHmb



**Application** : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.

**TECHNICAL DATA** : TYPE HHmb

**Remarks** : Ozone resistant acc. to EN50396.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Polyolefin
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0140302	2 x 0.5	No	4.8
0140303	3 x 0.5	Yes	5.1
0140304	4 x 0.5	Yes	5.5
0140307	7 x 0.5	Yes	6.8
0140402	2 x 0.75	No	5.4
0168402	2 x 0.75	No	5.4
0140403	3 x 0.75	Yes	5.7
0140404	4 x 0.75	Yes	6.2
0168404	4 x 0.75	Yes	6.2
0140405	5 x 0.75	Yes	6.8
0168405	5 x 0.75	Yes	6.8
0140406	6 x 0.75	Yes	7.6
0140407	7 x 0.75	Yes	7.8
0168407	7 x 0.75	Yes	7.8
0140408	8 x 0.75	Yes	9
0140410	10 x 0.75	Yes	9.6
0140412	12 x 0.75	Yes	10.5
0140418	18 x 0.75	Yes	12
0140425	25 x 0.75	Yes	13.9
0140502	2 x 1	No	5.6
0168502	2 x 1	No	5.6
0140503	3 x 1	Yes	6.1
0140504	4 x 1	Yes	6.7
0168504	4 x 1	Yes	6.7
0140505	5 x 1	Yes	7.5
0168505	5 x 1	Yes	7.5
0140506	6 x 1	Yes	8
0140507	7 x 1	Yes	8
0168507	7 x 1	Yes	8
0140508	8 x 1	Yes	9.5
0168508	8 x 1	Yes	9.5
0140510	10 x 1	Yes	10.4
0140512	12 x 1	Yes	10.7
0168512	12 x 1	Yes	10.7
0140518	18 x 1	Yes	12.7
0140525	25 x 1	Yes	15.4
0140530	30 x 1	Yes	16.2
0140534	34 x 1	Yes	17.2
0140542	42 x 1	Yes	19.2

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0140602	2 x 1.5	No	6.4
0140603	3 x 1.5	Yes	6.8
0168603	3 x 1.5	Yes	6.8
0140604	4 x 1.5	Yes	7.6
0168604	4 x 1.5	Yes	7.6
0140605	5 x 1.5	Yes	8.3
0140607	7 x 1.5	Yes	9.1
0140610	10 x 1.5	Yes	11.8
0140612	12 x 1.5	Yes	12.4
0140618	18 x 1.5	Yes	14.4
0140625	25 x 1.5	Yes	16.8
0140634	34 x 1.5	Yes	19.6
0140702	2 x 2.5	No	7.7
0140703	3 x 2.5	Yes	8.9
0140704	4 x 2.5	Yes	9.7
0140707	7 x 2.5	Yes	12
0140712	12 x 2.5	Yes	15
0140804	4 x 4	Yes	10.9
0140807	7 x 4	Yes	13.4
0140904	4 x 6	Yes	12.8
0141004	4 x 10	Yes	17.9

## Control cable Ecoflex HHMB-O-cUL



**Application** : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2. The material can be recycled and is eco-friendly.

**TECHNICAL DATA** : 1143304

**Standards** : UL 10615 en 21217; CSA AWM I A/B II A/B

**Remarks** : Colour coded acc.to DIN 47100.

Dimension	: 4x0.5
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Polyolefin
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 5.7mm
Permitted cable outer temperature, in movement	: -15°C to 75°C
Permitted cable outer temperature, fixed	: -40°C to 75°C
Nominal voltage U	: 600V
Bending radius	: 23mm
Core protecton	: No

## Control cable Ecoflex HCHmb



**Application** : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.

**TECHNICAL DATA** : TYPE HCHmb

**Remarks** : Ozone resistant acc. to EN50396.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Polyolefin
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0141302	2 x 0.5	No	5.4
0141303	3 x 0.5	Yes	5.7
0141402	2 x 0.75	No	5.8
0178402	2 x 0.75	No	5.8
0141403	3 x 0.75	Yes	6.1
0141404	4 x 0.75	Yes	6.8
0178404	4 x 0.75	Yes	6.8
0141405	5 x 0.75	Yes	7.4
0141406	6 x 0.75	Yes	7.9
0141407	7 x 0.75	Yes	8.2
0141408	8 x 0.75	Yes	9.6
0141412	12 x 0.75	Yes	10.5
0141418	18 x 0.75	Yes	12.6
0141425	25 x 0.75	Yes	14.7
0141502	2 x 1	No	6.1
0141503	3 x 1	Yes	6.7
0141504	4 x 1	Yes	7.2
0178504	4 x 1	Yes	7.2
0141505	5 x 1	Yes	8.1
0141507	7 x 1	Yes	8.6
0178507	7 x 1	Yes	8.6
0141508	8 x 1	Yes	10.2
0141512	12 x 1	Yes	11.3
0141518	18 x 1	Yes	13.5
0141524	24 x 1	Yes	15.7
0141602	2 x 1.5	No	6.9
0141603	3 x 1.5	Yes	7.3
0141604	4 x 1.5	Yes	8.1
0141607	7 x 1.5	Yes	9.7
0141612	12 x 1.5	Yes	12.7
0141618	18 x 1.5	Yes	15.2
0141625	25 x 1.5	Yes	17.6
0141704	4 x 2.5	Yes	9.7
0141712	12 x 2.5	Yes	15.1
0141804	4 x 4	No	11.5



## Data cable Ecoflex HCHmb-TP



**Application** : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.

**TECHNICAL DATA** : TYPE HCHmb-TP

**Remarks** : Ozone resistant acc. to EN50396. Type HCHMB-TP is twisted in pairs and is colour coded according to DIN47100.

Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C

ProductNr	Dimension	Outer diameter approx. (mm)	Number of stranding elements
0142302	1 x 2 x 0.5	5.5	1
0142304	2 x 2 x 0.5	7.3	2
0142502	2 x 2 x 0.75	8.6	2
0142503	3 x 2 x 0.75	8.1	3
0142504	4 x 2 x 0.75	10	4
0142505	5 x 2 x 0.75	10.4	5

## Control cable Kemaflex KVCC



**Application** : Flexible cable for use in industrial environments, machine manufacturing, process control systems. With KEMA and VDE approval.

**TECHNICAL DATA** : TYPE KVCC

Standards : KEMA K176 EN 50525

**Remarks** : Flame retardant, oil resistant.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0101304	4 x 0.5	Yes	6.9	83
0101307	7 x 0.5	Yes	9.2	110
0101325	15 x 0.5	Yes	19.2	195
0101318	18 x 0.5	Yes	13.4	161
0101402	2 x 0.75	No	6.4	77
0101403	3 x 0.75	Yes	6.8	81
0101404	4 x 0.75	Yes	7.4	89
0101405	5 x 0.75	Yes	8.3	99
0101945	5 x 0.75	Yes	8.3	100
0101407	7 x 0.75	Yes	10.1	121
0101410	10 x 0.75	Yes	11.8	141
0101412	12 x 0.75	Yes	12.2	146
0101416	16 x 0.75	Yes	13.7	164
0101418	18 x 0.75	Yes	14.6	175
0101421	21 x 0.75	Yes	16.3	195
0101425	25 x 0.75	Yes	17.8	213
0101430	30 x 0.75	Yes	18.4	221
0101436	36 x 0.75	Yes	21	252
0101448	48 x 0.75	Yes	23.2	278
0101502	2 x 1	No	6.8	81
0101503	3 x 1	Yes	7.2	86
0101504	4 x 1	Yes	7.9	95
0101505	5 x 1	Yes	8.8	105
0101955	5 x 1	Yes	8.8	106
0101507	7 x 1	Yes	10.8	129
0101508	8 x 1	Yes	11.6	139
0101510	10 x 1	Yes	12.6	151
0101512	12 x 1	Yes	13.2	158
0101516	16 x 1	Yes	14.8	178
0101518	18 x 1	Yes	15.6	187
0101520	20 x 1	Yes	16.8	202
0101524	24 x 1	Yes	18.6	223
0101525	25 x 1	Yes	19	228
0101536	36 x 1	Yes	21.6	259
0101552	52 x 1	Yes	25.7	308

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0101602	2 x 1.5	No	7.6	91
0101603	3 x 1.5	Yes	8.3	97
0101963	3 x 1.5	Yes	8.3	100
0101604	4 x 1.5	Yes	9	108
0101964	4 x 1.5	Yes	9	108
0101605	5 x 1.5	Yes	10.1	121
0101607	7 x 1.5	Yes	12.5	150
0101608	8 x 1.5	Yes	13.5	162
0101610	10 x 1.5	Yes	14.6	175
0101612	12 x 1.5	Yes	15	180
0101616	16 x 1.5	Yes	17.1	205
0101618	18 x 1.5	Yes	18	216
0101624	24 x 1.5	Yes	21.4	257
0101625	25 x 1.5	Yes	21.9	263
0101630	30 x 1.5	Yes	22.8	274
0101636	36 x 1.5	Yes	25	300
0101702	2 x 2.5	No	9.4	113
0101703	3 x 2.5	Yes	10.2	122
0101704	4 x 2.5	Yes	11.4	137
0101705	5 x 2.5	Yes	12.5	150
0101707	7 x 2.5	Yes	15.5	172
0101712	12 x 2.5	Yes	18.8	113
0101718	18 x 2.5	Yes	22.6	271

## Control cable Kemaflex KVCY



<b>Application</b>	: Flexible cable, copper braided with additional inner jacket. Protects against Electro Magnetic Interference. KEMA and VDE approved.
<b>TECHNICAL DATA</b>	: TYPE KVCY
Standards	: KEMA K176 EN 50525
<b>Remarks</b>	: Flame retardant, oil resistant.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0102302	2 x 0.5	No	8.2	98
0102304	4 x 0.5	Yes	9.1	109
0102305	5 x 0.5	Yes	10	120
0102307	7 x 0.5	Yes	11.6	139
0102312	12 x 0.5	Yes	13.7	164
0102402	2 x 0.75	No	8.6	103
0102403	3 x 0.75	Yes	9	108
0102993	3 x 0.75	Yes	9	108
0102404	4 x 0.75	Yes	9.8	118
0102405	5 x 0.75	Yes	10.5	126
0102407	7 x 0.75	Yes	12.5	150
0102408	8 x 0.75	Yes	13.5	162
0102412	12 x 0.75	Yes	15	180
0102416	16 x 0.75	Yes	16.5	198
0102418	18 x 0.75	Yes	17.4	209
0102420	20 x 0.75	Yes	18.3	220
0102425	25 x 0.75	Yes	20.8	250
0102434	34 x 0.75	Yes	23	276
0102440	40 x 0.75	Yes	24.9	299
0102450	50 x 0.75	Yes	27.4	329
0102502	2 x 1	No	9	108
0102503	3 x 1	Yes	9.6	115
0102991	3 x 1	Yes	9.6	115
0102504	4 x 1	Yes	10.3	124
0102505	5 x 1	Yes	11.2	134
0102988	5 x 1	Yes	11.2	134
0102506	6 x 1	Yes	12	144
0102507	7 x 1	Yes	13.4	161
0102510	10 x 1	Yes	15.4	185
0102512	12 x 1	Yes	16	192
0102518	18 x 1	Yes	18.4	221
0102524	24 x 1	Yes	21.6	259
0102536	36 x 1	Yes	24.6	295
0102548	48 x 1	Yes	28.4	341

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0102602	2 x 1.5	No	10	122
0102603	3 x 1.5	Yes	10.5	126
0102604	4 x 1.5	Yes	11.4	137
0102605	5 x 1.5	Yes	12.7	152
0102607	7 x 1.5	Yes	15.1	181
0102608	8 x 1.5	Yes	16.1	193
0102612	12 x 1.5	Yes	17.9	215
0102616	16 x 1.5	Yes	20.1	241
0102618	18 x 1.5	Yes	21	252
0102625	25 x 1.5	Yes	25.1	301
0102630	30 x 1.5	Yes	26.2	314
0102640	40 x 1.5	Yes	30.7	368
0102702	2 x 2.5	No	11.8	142
0102703	3 x 2.5	Yes	12.4	149
0102704	4 x 2.5	Yes	13.8	166
0102705	5 x 2.5	Yes	15.3	184
0102707	7 x 2.5	Yes	18.2	218
0102712	12 x 2.5	Yes	21.8	266
0102718	18 x 2.5	Yes	25.6	307



## Control cable Trioflex CC



<b>Application</b>	: Flexible control cable for use in industrial environments, machine manufacturing and process control systems. The combined approvals make the cable especially suitable for export purposes. CE-marking according to the Low Voltage Cables directive 2006/95/EC
<b>TECHNICAL DATA</b>	: <b>TYPE CC</b>
Standards	: UL 2587. EN 50525-2-51 (HAR HD 21.13 S1). CSA-AWM I A/B II A/B, UL VW1, CSA FT1.
<b>Remarks</b>	: <b>Outer jacket grey=RAL7001.</b>
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -30°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
1305302	2 x 0.5	No	5.7
1305304	4 x 0.5	Yes	6.7
1305310	10 x 0.5	Yes	10.6
1305316	16 x 0.5	Yes	12.2
1305325	25 x 0.5	Yes	15.2
1305402	2 x 0.75	No	6.1
1305403	3 x 0.75	Yes	6.6
1305404	4 x 0.75	Yes	7.3
1305405	5 x 0.75	Yes	8.1
1305407	7 x 0.75	Yes	8.9
1305408	8 x 0.75	Yes	10.6
1305412	12 x 0.75	Yes	12
1305418	18 x 0.75	Yes	14.2
1305419	19 x 0.75	Yes	14.2
1305425	25 x 0.75	Yes	16.5
1305434	34 x 0.75	Yes	19.2
1305502	2 x 1	No	6.5
1305503	3 x 1	Yes	6.9
1305504	4 x 1	Yes	7.7
1305505	5 x 1	Yes	8.5
1305507	7 x 1	Yes	9.4
1305512	12 x 1	Yes	12.6
1305518	18 x 1	Yes	15
1305525	25 x 1	Yes	17.5
1305534	34 x 1	Yes	20.4
1305602	2 x 1.5	No	7.6
1305603	3 x 1.5	Yes	8.2
1305604	4 x 1.5	Yes	9.1
1305605	5 x 1.5	Yes	10.1
1305607	7 x 1.5	Yes	11.1
1305608	8 x 1.5	Yes	13.3
1305612	12 x 1.5	Yes	14.9
1305618	18 x 1.5	Yes	17.9
1305625	25 x 1.5	Yes	20.9
1305702	2 x 2.5	No	9
1305703	3 x 2.5	Yes	9.7
1305704	4 x 2.5	Yes	10.7
1305705	5 x 2.5	Yes	12
1305707	7 x 2.5	Yes	13.2
1305708	8 x 2.5	Yes	15.7
1305710	10 x 2.5	Yes	17.1
1305712	12 x 2.5	Yes	17.8

## Control cable Trioflex CY-OZ



<b>Application</b>	: Flexible, shielded control cable for use in industrial environments, machine manufacturing and process control systems. The combined approvals make the cable especially suitable for export purposes. CE-marking according to the Low Voltage Cables directive 2006/95/EC
<b>TECHNICAL DATA</b>	: TYPE CY-OZ
Standards	: UL 2587. EN 50525-2-51 (HAR HD 21.13 S1). CSA-AWM I A/B II A/B, UL VW1, CSA FT1.
<b>Remarks</b>	: Outer jacket grey=RAL7001.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -30°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

**Outer diameter  
approx.**

ProductNr	Dimension	(mm)
1316402	2 x 0.75	8.4
1316502	2 x 1	8.7
1316602	2 x 1.5	9.9

## Control cable Trioflex CY-JZ



<b>Application</b>	: Flexible, shielded control cable for use in industrial environments, machine manufacturing and process control systems. The combined approvals make the cable especially suitable for export purposes. CE-marking according to the Low Voltage Cables directive 2006/95/EC
<b>TECHNICAL DATA</b>	: TYPE CY-JZ
Standards	: UL 2587. EN 50525-2-51 (HAR HD 21.13 S1). CSA-AWM I A/B II A/B, UL VW1, CSA FT1.
<b>Remarks</b>	: Outer jacket grey=RAL7001.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -30°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1316303	3 x 0.5	8.4
1316403	3 x 0.75	8.8
1316404	4 x 0.75	9.6
1316405	5 x 0.75	10.3
1316407	7 x 0.75	12.2
1316408	8 x 0.75	13
1316412	12 x 0.75	14.5
1316503	3 x 1	9.3
1316504	4 x 1	9.9
1316505	5 x 1	10.9
1316507	7 x 1	12.9
1316512	12 x 1	15.4
1316525	25 x 1	20.4
1316603	3 x 1.5	10.4
1316604	4 x 1.5	11.3
1316605	5 x 1.5	12.6
1316607	7 x 1.5	14.9
1316612	12 x 1.5	17.6
1316703	3 x 2.5	12
1316704	4 x 2.5	13.3
1316705	5 x 2.5	14.6
1316707	7 x 2.5	17.3

## Control cable UL LIYY-JZ



<b>Application</b>	: Flexible process control cable for use in apparatus and machinery. UL and CSA approved, thus suitable for export purposes.
<b>TECHNICAL DATA</b>	: TYPE LIYY-JZ
Standards	: UL 2587; CSA AWM I A/B II A/B
<b>Remarks</b>	: Outer jacket colour=RAL7001.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -5°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1205804	4 x 4	13.9
1205805	5 x 4	14.1
1205814	4 x 6	14.2
1205824	4 x 10	17.9
1205834	4 x 16	21.8
1205844	4 x 25	25.6



## Control cable UL LIYCY-JZ



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference.
<b>TECHNICAL DATA</b>	: <b>1216407</b>
Standards	: UL 2587; CSA AWM IA/B IIA/B
<b>Remarks</b>	: <b>Outer jacket colour=RAL7001.</b>
Dimension	: 7x0.75
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 8mm
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
Bending radius	: 160mm
Core protecton	: No

## Control cable UL LIYYCY-JZ



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference.
<b>TECHNICAL DATA</b>	: TYPE LIYYCY-JZ
Standards	: UL 2587; CSA AWM IA/B IIA/B
<b>Remarks</b>	: Outer jacket colour=RAL7001.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
-----------	-----------	-----------------------------	---------------------

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
1217804	4 x 4	15.3	91
1217904	4 x 6	16.8	100

## Data cable UL LIYCY



**Application** : Flexible cable, copper braided. Protects against electromagnetic interference. Colour coded acc. to DIN47100.

**TECHNICAL DATA** : TYPE LIYCY

**Standards** : UL 2464; CSA AWM IA/B IIA/B

**Remarks** : Outer jacket colour grey=RAL7001.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Permitted cable outer temperature, in movement	: -5°C to 80°C
Permitted cable outer temperature, fixed	: -30°C to 80°C

ProductNr	Dimension	Number of cores	Stranding element	Outer diameter approx. (mm)	Bending radius (mm)
1216004	4 x 0.14	4	No	4.1	62
1216103	3 x 0.25	3	No	4.6	69
1216104	4 x 0.25	4	No	5.5	83
1216105	5 x 0.25	5	No	5.5	83
1216108	8 x 0.25	8	No	7.2	108
1216303	3 x 0.5	3	No	6	90
1211203	3 x 2 x 0.5	6	Pairs	8.9	

## Control cable Stuurflex C



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems. Colour coded acc. to DIN47100.

**TECHNICAL DATA** : TYPE C

**Remarks** : Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm<sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 300V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0104008	8 x 0.14	5.1	51
0104025	25 x 0.14	8.4	84
0104028	28 x 0.14	8.7	87
0104044	44 x 0.14	10.2	102
0104050	50 x 0.14	10.8	108
0104103	3 x 0.25	4.2	42
0103103	3 x 0.25	4.2	42
0104105	5 x 0.25	5	50
0104108	8 x 0.25	6.4	64
0104110	10 x 0.25	7.2	72
0104112	12 x 0.25	7.3	73
0104116	16 x 0.25	8.1	81
0104205	5 x 0.34	5.3	53
0104208	8 x 0.34	6.8	66
0104220	20 x 0.34	9.6	96
0104224	24 x 0.34	10.7	107
0104240	40 x 0.34	13.5	135
0104250	50 x 0.34	14.4	144

## Control cable Stuurflex CC



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC

**Remarks** : Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm<sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No



ProductNr	Dimension	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
0105302	2 x 0.5	No	Grey	5	50
0103302	2 x 0.5	No	Grey	5	50
0105303	3 x 0.5	Yes	Grey	5.3	53
0105304	4 x 0.5	Yes	Grey	5.7	57
0103304	4 x 0.5	Yes	Grey	5.7	57
0105305	5 x 0.5	Yes	Grey	6.3	63
0103305	5 x 0.5	Yes	Grey	6.3	63
0105306	6 x 0.5	Yes	Grey	7	70
0105307	7 x 0.5	Yes	Grey	7	70
0103307	7 x 0.5	Yes	Grey	7	70
0105308	8 x 0.5	Yes	Grey	8.2	82
0105310	10 x 0.5	Yes	Grey	9	90
0105312	12 x 0.5	Yes	Grey	9.1	91
0105314	14 x 0.5	Yes	Grey	9.7	97
0105316	16 x 0.5	Yes	Grey	10.4	104
0105318	18 x 0.5	Yes	Grey	10.9	109
0105321	21 x 0.5	Yes	Grey	12.7	127
0105330	30 x 0.5	Yes	Grey	13.8	138
0105334	34 x 0.5	Yes	Grey	15.1	151
0105361	61 x 0.5	Yes	Grey	19.2	195
0105402	2 x 0.75	No	Grey	5.4	54
0103402	2 x 0.75	No	Grey	5.4	54
0105403	3 x 0.75	Yes	Grey	5.7	57
0103403	3 x 0.75	Yes	Grey	5.7	57
0105404	4 x 0.75	Yes	Grey	6.2	62
0103404	4 x 0.75	Yes	Grey	6.2	62
0105405	5 x 0.75	Yes	Grey	7	70
0103405	5 x 0.75	Yes	Grey	7	70
0105406	6 x 0.75	Yes	Grey	7.6	76
0103406	6 x 0.75	Yes	Grey	7.6	76
0105407	7 x 0.75	Yes	Grey	7.6	76
0103407	7 x 0.75	Yes	Grey	7.6	76
0105408	8 x 0.75	Yes	Grey	8.7	87
0105410	10 x 0.75	Yes	Grey	10	100
0103410	10 x 0.75	Yes	Grey	10	100
0105412	12 x 0.75	Yes	Grey	10.1	101
0103412	12 x 0.75	Yes	Grey	10.1	101
0105414	14 x 0.75	Yes	Grey	10.8	108
0105418	18 x 0.75	Yes	Grey	12	120
0105425	25 x 0.75	Yes	Grey	14.4	144
0105434	34 x 0.75	Yes	Grey	16.6	166
0105440	40 x 0.75	Yes	Grey	18.3	183
0105450	50 x 0.75	Yes	Grey	19.7	197

ProductNr	Dimension	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
0105502	2 x 1	No	Grey	5.8	58
0103502	2 x 1	No	Grey	5.8	58
0105503	3 x 1	Yes	Grey	6.1	61
0103503	3 x 1	Yes	Grey	6.1	61
0105504	4 x 1	Yes	Grey	6.9	69
0103504	4 x 1	Yes	Grey	6.9	69
0105505	5 x 1	Yes	Grey	7.6	76
0103505	5 x 1	Yes	Grey	7.6	76
0103506	6 x 1	Yes	Grey	8.4	81
0105506	6 x 1	Yes	Grey	8.4	84
0105507	7 x 1	Yes	Grey	8.4	84
0103507	7 x 1	Yes	Grey	8.4	84
0105508	8 x 1	Yes	Grey	10	100
0103508	8 x 1	Yes	Grey	10	100
0105510	10 x 1	Yes	Grey	10.8	108
0103510	10 x 1	Yes	Grey	10.8	108
0105512	12 x 1	Yes	Grey	10.9	109
0103512	12 x 1	Yes	Grey	10.9	109
0105516	16 x 1	Yes	Grey	12.5	125
0105520	20 x 1	Yes	Grey	14.2	142
0105542	42 x 1	Yes	Grey	19.8	198
0105692	2 x 1.5	No	Blue	6.5	72
0105602	2 x 1.5	No	Grey	6.5	65
0103602	2 x 1.5	No	Grey	6.5	65
0105603	3 x 1.5	Yes	Grey	6.9	69
0103603	3 x 1.5	Yes	Grey	6.9	69
0105694	4 x 1.5	Yes	Blue	7.5	85
0105604	4 x 1.5	Yes	Grey	7.5	75
0103604	4 x 1.5	Yes	Grey	7.5	75
0105605	5 x 1.5	Yes	Grey	8.4	84
0103605	5 x 1.5	Yes	Grey	8.4	84
0105606	6 x 1.5	Yes	Grey	9.4	94
0105607	7 x 1.5	Yes	Grey	9.4	94
0103607	7 x 1.5	Yes	Grey	9.4	94
0105608	8 x 1.5	Yes	Grey	11	110
0103608	8 x 1.5	Yes	Grey	11	110
0105610	10 x 1.5	Yes	Grey	12	120
0105612	12 x 1.5	Yes	Grey	12.3	123
0105614	14 x 1.5	Yes	Grey	13.2	132
0105618	18 x 1.5	Yes	Grey	14.8	148
0105620	20 x 1.5	Yes	Grey	16	160
0105630	30 x 1.5	Yes	Grey	18.8	188

ProductNr	Dimension	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
0105703	3 x 2.5	Yes	Grey	8.5	85
0105704	4 x 2.5	Yes	Grey	9.3	93
0103704	4 x 2.5	Yes	Grey	9.3	93
0105708	8 x 2.5	Yes	Grey	13.9	139
0105714	14 x 2.5	Yes	Grey	16.5	165
0105802	2 x 4	No	Grey	9.2	92
0105903	3 x 6	Yes	Grey	21.1	211
0105907	7 x 6	Yes	Grey	16.6	166
0105914	4 x 10	Yes	Grey	16.8	168
0105915	5 x 10	Yes	Grey	18.7	187
0105922	2 x 16	No	Grey	16.6	166
0105924	4 x 16	Yes	Grey	19.9	199
0105925	5 x 16	Yes	Grey	22.3	223
0105934	4 x 25	Yes	Grey	25	250
0105935	5 x 25	Yes	Grey	28.1	300

## Control cable Stuurflex CC-OZ



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC-OZ

**Remarks** : Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm<sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0104550	3 x 0.5	5.3	53

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0104560	3 x 0.75	5.7	57
0104570	3 x 1	6.1	61
0104571	4 x 1	6.9	69
0104580	3 x 1.5	6.9	69

## Control cable Sturflex CC-OB



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems. Cores blue and brown.

**TECHNICAL DATA** : TYPE CC-OB

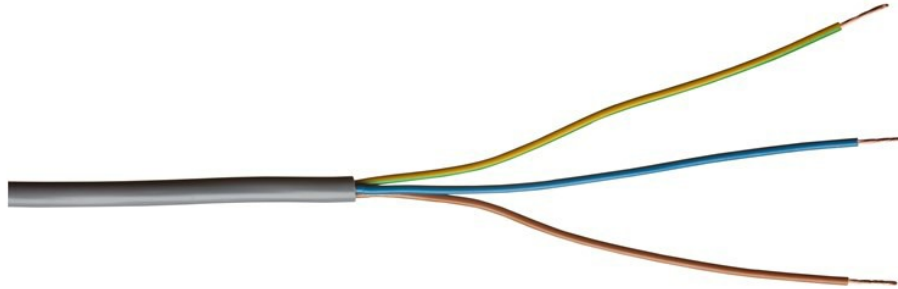
**Remarks** : Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm<sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
-----------	-----------	-----------------------------------	------------------------

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0104500	2 x 0.5	5	50
0104504	3 x 0.5	5.3	53
0104530	2 x 1.5	6.5	65

## Control cable Stuurflex CC-JB



### TECHNICAL DATA

: TYPE CC-JB

### Remarks

: Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm<sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0104511	3 x 0.75	5.7	57
0104512	4 x 0.75	6.2	62
0104531	3 x 1.5	6.9	69





## Control cable Stuurflex CY



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference. Colour coded acc. to DIN47100.
<b>TECHNICAL DATA</b>	: TYPE CY
<b>Remarks</b>	: Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm <sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0116002	2 x 0.14	Grey	3.8
0116007	7 x 0.14	Grey	4.9
0116021	21 x 0.14	Grey	8
0116024	24 x 0.14	Grey	8.8
0116025	25 x 0.14	Grey	9.1
0113102	2 x 0.25	Grey	4.5
0116103	3 x 0.25	Grey	4.7
0116108	8 x 0.25	Grey	7.1
0116116	16 x 0.25	Grey	8.8
0116120	20 x 0.25	Grey	10.1
0116130	30 x 0.25	Grey	11.7
0116161	61 x 0.25	Grey	15.3
0116203	3 x 0.34	Grey	4.9
0116295	5 x 0.34	Blue	6
0116205	5 x 0.34	Grey	6
0116224	24 x 0.34	Grey	11.6
0116240	40 x 0.34	Grey	14.4
0116264	64 x 0.34	Grey	17.4
0116301	1 x 0.5	Grey	3.6
0116383	2 x 0.5	Black	6
0116392	2 x 0.5	Blue	5.7
0116302	2 x 0.5	Grey	5.7
0113302	2 x 0.5	Grey	5.7
0116393	3 x 0.5	Blue	6
0116303	3 x 0.5	Grey	6
0113303	3 x 0.5	Grey	6
0116394	4 x 0.5	Blue	6.6
0116304	4 x 0.5	Grey	6.6
0113304	4 x 0.5	Grey	6.6
0116305	5 x 0.5	Grey	7.2
0116396	6 x 0.5	Blue	7.7
0116306	6 x 0.5	Grey	7.7
0116307	7 x 0.5	Grey	7.7
0116312	12 x 0.5	Grey	10
0116316	16 x 0.5	Grey	11.1
0116320	20 x 0.5	Grey	13
0116324	24 x 0.5	Grey	13.6
0116332	32 x 0.5	Grey	15.7
0116340	40 x 0.5	Grey	17.5
0116361	61 x 0.5	Grey	19.9

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0116401	1 x 0.75	Grey	3.9
0116492	2 x 0.75	Blue	6.1
0116402	2 x 0.75	Grey	6.1
0113402	2 x 0.75	Grey	6.1
0116482	2 x 0.75	Grey	6.1
0116493	3 x 0.75	Blue	6.6
0116403	3 x 0.75	Grey	6.6
0113403	3 x 0.75	Grey	6.6
0116494	4 x 0.75	Blue	7.1
0116404	4 x 0.75	Grey	7.1
0113404	4 x 0.75	Grey	7.1
0116405	5 x 0.75	Grey	7.7
0113405	5 x 0.75	Grey	7.7
0116496	6 x 0.75	Blue	8.5
0116406	6 x 0.75	Grey	8.5
0116497	7 x 0.75	Blue	8.5
0116407	7 x 0.75	Grey	8.5
0116408	8 x 0.75	Grey	9.9
0116410	10 x 0.75	Grey	10.7
0116498	12 x 0.75	Blue	10.8
0116412	12 x 0.75	Grey	10.8
0116414	14 x 0.75	Grey	11.7
0116416	16 x 0.75	Grey	12.2
0116418	18 x 0.75	Grey	13
0116430	30 x 0.75	Grey	16.4
0116440	40 x 0.75	Grey	19.2
0116461	61 x 0.75	Grey	22.3
0116592	2 x 1	Blue	6.7
0116502	2 x 1	Grey	6.7
0113502	2 x 1	Grey	6.7
0116593	3 x 1	Blue	7.1
0116503	3 x 1	Grey	7.1
0113503	3 x 1	Grey	7.1
0116594	4 x 1	Blue	7.6
0116504	4 x 1	Grey	7.6
0113504	4 x 1	Grey	7.6
0116505	5 x 1	Grey	8.5
0116506	6 x 1	Grey	9.1
0113506	6 x 1	Grey	9.1
0116507	7 x 1	Grey	9.1
0116510	10 x 1	Grey	11.7
0116512	12 x 1	Grey	11.9
0116516	16 x 1	Grey	13.6
0116524	24 x 1	Grey	16.4
0116528	28 x 1	Grey	17.6
0116534	34 x 1	Grey	19.3

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0116601	1 x 1.5	Grey	5.4
0116692	2 x 1.5	Blue	7.2
0116602	2 x 1.5	Grey	7.2
0113602	2 x 1.5	Grey	7.2
0116603	3 x 1.5	Grey	7.6
0113603	3 x 1.5	Grey	7.6
0116694	4 x 1.5	Blue	8.4
0116604	4 x 1.5	Grey	8.4
0113604	4 x 1.5	Grey	8.4
0116605	5 x 1.5	Grey	9.1
0116696	6 x 1.5	Blue	10.1
0116606	6 x 1.5	Grey	10.1
0116607	7 x 1.5	Grey	10.1
0116610	10 x 1.5	Grey	12.9
0116612	12 x 1.5	Grey	13
0116616	16 x 1.5	Grey	15.9
0116620	20 x 1.5	Grey	17
0116624	24 x 1.5	Grey	19.4
0116630	30 x 1.5	Grey	19.6
0116702	2 x 2.5	Grey	8.7
0116793	3 x 2.5	Blue	10.6
0116703	3 x 2.5	Grey	9.2
0116794	4 x 2.5	Blue	10.2
0116704	4 x 2.5	Grey	10.2
0113704	4 x 2.5	Grey	10.2
0116705	5 x 2.5	Grey	11.3
0116708	8 x 2.5	Grey	14.8
0116802	2 x 4	Grey	10.1
0116804	4 x 4	Grey	11.8
0116904	4 x 6	Grey	14.4

## Control cable Stuurflex CY ZWART



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference. Colour coded acc. to DIN47100.
<b>TECHNICAL DATA</b>	: 0114105
<b>Remarks</b>	: Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm <sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.
Dimension	: 5x0.25
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 5.5mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

## Control cable Stuurflex CY-OZ



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference.
<b>TECHNICAL DATA</b>	: TYPE CY-OZ
<b>Remarks</b>	: Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm <sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 6.1mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension
0117012	2 x 0.75
0117303	3 x 0.75

## Control cable Stuurflex CY-JZ



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference.
<b>TECHNICAL DATA</b>	: TYPE CY-JZ
<b>Remarks</b>	: Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm <sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0117305	5 x 0.5	7.2



ProductNr	Dimension	Outer diameter approx. (mm)
0117403	3 x 0.75	6.6
0116499	12 x 0.75	10.8

## Control cable Stuurflex CY-CO



<b>Application</b>	: Flexible cable, each core shielded with a tinned copper braiding. Protects against signal transfer between cores.
<b>TECHNICAL DATA</b>	: TYPE CY-CO
<b>Remarks</b>	: Nice flexible PVC with excellent characteristics: Tensile strength 18 N/mm <sup>2</sup> and elasticity 323%. Grey=RAL7001, Blue=RAL5015.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0115307	7 x 0.5	9.9

ProductNr	Dimension	Outer diameter approx. (mm)
0115402	2 x 0.75	7.1
0115404	4 x 0.75	8.2

## Data cable Dataflex CKY



**Application** : Used as computer cable and in other data transmission systems. Flexible, twisted pairs, overall braiding.

**TECHNICAL DATA** : TYPE CKY

Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Category	: Other

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)	Number of stranding elements
0111002	2 x 2 x 0.14	Grey	5.4	2
0111004	4 x 2 x 0.14	Grey	6.5	4
0111005	5 x 2 x 0.14	Grey	7	5
0111006	6 x 2 x 0.14	Grey	7.3	6
0111010	10 x 2 x 0.14	Grey	9.2	10
0111012	12 x 2 x 0.14	Grey	9.8	12
0111102	2 x 2 x 0.25	Grey	6.7	2
0111103	3 x 2 x 0.25	Grey	7.1	3
0111104	4 x 2 x 0.25	Grey	7.9	4
0111105	5 x 2 x 0.25	Grey	8.6	5
0111109	8 x 2 x 0.25	Blue	9.9	8
0111108	8 x 2 x 0.25	Grey	9.9	8
0111110	10 x 2 x 0.25	Grey	11.2	10
0111112	12 x 2 x 0.25	Grey	12.1	12
0111134	2 x 2 x 0.34	Grey	7	2
0111304	4 x 2 x 0.34	Grey	8.3	4
0111202	2 x 2 x 0.5	Grey	8.4	2
0113998	2 x 2 x 0.5	Grey	8.4	2
0111203	3 x 2 x 0.5	Grey	9	3
0111204	4 x 2 x 0.5	Grey	9.9	4
0111206	6 x 2 x 0.5	Grey	12.1	6
0111208	7 x 2 x 0.5	Grey	12.9	7
0111210	10 x 2 x 0.5	Grey	14.1	10
0111217	16 x 2 x 0.5	Blue	18.1	16
0111220	20 x 2 x 0.5	Grey	18.9	20
0111403	2 x 2 x 0.75	Blue	9	2
0111402	2 x 2 x 0.75	Grey	9	2
0111426	3 x 2 x 0.75	Grey	9.6	3
0111434	4 x 2 x 0.75	Blue	10.7	4
0111404	4 x 2 x 0.75	Grey	10.7	4
0111406	6 x 2 x 0.75	Grey	12.7	6
0111409	8 x 2 x 0.75	Blue	14.4	8
0111408	8 x 2 x 0.75	Grey	14.4	8
0111412	12 x 2 x 0.75	Grey	17.1	12
0111428	16 x 2 x 0.75	Grey	18.9	16
0111435	25 x 2 x 0.75	Blue	22.8	25
0111425	25 x 2 x 0.75	Grey	22.8	25

## Control cable Grondflex SO



**Application** : Flexible control cable with steel wire braiding, optical coverage 80%, between inner and outer PVC jacket.

**TECHNICAL DATA** : TYPE SO

**Standards** : According to VDE 0245, 0281, 0293, 0295, 0472, 0473 and 0482.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0106402	2 x 0.75	No	7.6
0106403	3 x 0.75	Yes	7.9
0106404	4 x 0.75	Yes	8.6
0106405	5 x 0.75	Yes	9.2
0106407	7 x 0.75	Yes	10.2
0106502	2 x 1	No	8
0106503	3 x 1	Yes	8.4
0106504	4 x 1	Yes	9.1
0106505	5 x 1	Yes	10.2
0106507	7 x 1	Yes	10.8
0106508	8 x 1	Yes	12.6
0106512	12 x 1	Yes	13.6
0106602	2 x 1.5	No	8.7
0106603	3 x 1.5	Yes	9.1
0106604	4 x 1.5	Yes	10.1
0106605	5 x 1.5	Yes	10.8
0106607	7 x 1.5	Yes	11.8
0106614	14 x 1.5	Yes	16
0106705	5 x 2.5	Yes	13
0106725	25 x 2.5	Yes	25.3
0106804	4 x 4	Yes	13.5
0106905	5 x 6	Yes	17.6
0106914	4 x 10	Yes	19.8
0106924	4 x 16	Yes	22.9

## Control cable Grondflex SO MB



**Application** : Flexible control cable with steel wire braiding, optical coverage 80%, between inner and outer PVC jacket.

**TECHNICAL DATA** : TYPE SO MB

**Standards** : According to VDE 0245, 0281, 0293, 0295, 0472, 0473 and 0482.

**Remarks** : Type SO MB has an extended flame retardant outer jacket.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
-----------	-----------	----------------------	-----------------------------



ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0107602	2 x 1.5	No	8.7
0107605	5 x 1.5	Yes	10.8
0107609	9 x 1.5	Yes	14.4
0107613	13 x 1.5	Yes	15.8
0107625	25 x 1.5	Yes	20.7

## Single core cable Jobwire MS



**Application** : Flexible hook-up wire for use in junction boxes, apparatus and machinery.

**TECHNICAL DATA** : TYPE MS

**Remarks** : Type MS is available starting from 0,14 mm<sup>2</sup>.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Screen	: No
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -25°C to 70°C
Permitted cable outer temperature, fixed	: -25°C to 70°C
Nominal voltage U	: 250V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0146002	0.14	Blue	1.1
0146003	0.14	Brown	1.1
0146014	0.14	Green/yellow	1.1
0146006	0.14	Grey	1.1
0146011	0.14	Transparent	1.1
0146012	0.14	White	1.1
0146004	0.14	Yellow	1.1
0146113	0.25	Green/yellow	1.4
0146205	0.34	Brown	1.5
0146206	0.34	Green	1.5
0146212	0.34	Green/yellow	1.5
0146202	0.34	Orange	1.5
0146201	0.34	Pink	1.5
0146214	0.34	Purple/violet	1.5
0146215	0.34	Transparent	1.5
0146208	0.34	Yellow	1.5

## Single core cable Jobwire H05V2-K



**Application** : Flexible hook-up wire for use in junction boxes, apparatus and machinery.

**TECHNICAL DATA** : TYPE H05V2-K

**Standards** : HD 21 (NEN 3621), <HAR>, KEMA, Lloyd's.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Screen	: No
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -5°C to 90°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0172007	0.5	Blue	2.1
0172010	0.5	Brown	2.1
0172006	0.5	Dark blue	2.1
0172008	0.5	Green	2.1
0172013	0.5	Green/yellow	2.1
0172001	0.5	Yellow	2.1
0172402	0.75	Orange	2.3
0172027	0.75	Red	2.3
0172400	0.75	Red	2.3
0172040	0.75	Several	2.3
0172041	0.75	Several	2.3
0172043	0.75	Several	2.3
0172025	0.75	Yellow	2.3
0172056	1	Blue	2.5
0172055	1	Dark blue	2.5
0172062	1	Green/yellow	2.5
0172500	1	Orange	2.5
0172064	1	Several	2.5
0172069	1	Several	2.5
0172070	1	Several	2.5

## Single core cable Jobwire H05Z-K



**Application** : Flexible, halogen free hook-up wire for use in junction boxes, apparatus and machinery.

**TECHNICAL DATA** : TYPE H05Z-K

**Standards** : HD 22 (NEN 3621), <HAR>, KEMA, Lloyd's.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -5°C to 90°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0173011	0.5	Black	2.1
0173006	0.5	Blue	2.1
0173009	0.5	Brown	2.1
0173005	0.5	Dark blue	2.1
0173007	0.5	Green	2.1
0173012	0.5	Green/yellow	2.1
0173008	0.5	Grey	2.1
0173002	0.5	Orange	2.1
0173004	0.5	Purple/violet	2.1
0173003	0.5	Red	2.1
0173010	0.5	White	2.1
0173001	0.5	Yellow	2.1
0173030	0.75	Black	2.3
0173025	0.75	Blue	2.3
0173028	0.75	Brown	2.3
0173024	0.75	Dark blue	2.3
0173026	0.75	Green	2.3
0173031	0.75	Green/yellow	2.3
0173027	0.75	Grey	2.3
0173021	0.75	Orange	2.3
0173023	0.75	Purple/violet	2.3
0173022	0.75	Red	2.3
0173032	0.75	Several	2.3
0173033	0.75	Several	2.3
0173029	0.75	White	2.3
0173020	0.75	Yellow	2.3
0173050	1	Black	2.5
0173045	1	Blue	2.5
0173048	1	Brown	2.5
0173044	1	Dark blue	2.5
0173046	1	Green	2.5
0173051	1	Green/yellow	2.5
0173047	1	Grey	2.5
0173041	1	Orange	2.5
0173043	1	Purple/violet	2.5
0173042	1	Red	2.5
0173052	1	Several	2.5
0173049	1	White	2.5
0173040	1	Yellow	2.5

## Single core cable Jobwire H07V2-K



**Application** : Flexible hook-up wire for use in junction boxes, apparatus and machinery.

**TECHNICAL DATA** : TYPE H07V2-K

**Standards** : HD 21 (NEN 3621), <HAR>, KEMA, Lloyd's.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Screen	: No
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -5°C to 90°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 700V



ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0172083	1.5	Brown	2.9
0172079	1.5	Dark blue	2.9
0172078	1.5	Purple/violet	2.9
0172077	1.5	Red	2.9
0172701	2.5	Black	3.6
0172700	2.5	Green/yellow	3.6
0172101	2.5	Orange	3.6
0172704	2.5	Orange	3.6
0172103	2.5	Purple/violet	3.6
0172703	2.5	Red	3.6
0172109	2.5	White	3.6
0172133	4	Black	4.2
0172800	4	Black	4.2
0172129	4	Blue	4.2
0172128	4	Dark blue	4.2
0172130	4	Green	4.2
0172127	4	Red	4.2
0172157	6	Black	4.8
0172152	6	Blue	4.8
0172155	6	Brown	4.8
0172160	6	Dark blue	4.8
0172153	6	Green	4.8
0172151	6	Red	4.8
0172903	6	Red	4.8
0172179	10	Black	6.1
0172177	10	Blue	6.1
0172178	10	Brown	6.1
0172181	10	Dark blue	6.1
0172180	10	Green/yellow	6.1
0172176	10	Red	6.1
0172193	16	Black	7.3
0172191	16	Blue	7.3
0172194	16	Green/yellow	7.3
0172202	25	Black	8.7
0172200	25	Blue	8.7
0172203	25	Green/yellow	8.7

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0172211	35	Black	9.9
0172212	35	Green/yellow	9.9
0172221	50	Black	11.7
0172222	50	Green/yellow	11.7
0172230	70	Black	13.4

## Single core cable Trioflex MS



<b>Application</b>	: Flexible hook-up wire with UL, CSA, HAR and BS approval* for use in junction boxes, apparatus and machinery.
<b>TECHNICAL DATA</b>	: <b>TYPE MS</b>
Standards	: UL 1015, 1028, 1283, 1284 (depending on size), UL subj. 758, CSA C22.2 no. 210, HD 21.7 S2, BS6231 type CK.
<b>Remarks</b>	: *HAR only for 0,5 up to 35 mm <sup>2</sup> . CSA: only for 0,5 up to 120 mm <sup>2</sup> . BS: only for 0,5 up to 240 mm <sup>2</sup> UL for all types: 0,5 up to 300 mm <sup>2</sup> .
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -40°C to 105°C
Nominal voltage U <sub>0</sub>	: 600V
Nominal voltage U	: 1000V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
1301001	0.5	Black	2.5
1301002	0.5	Blue	2.5
1301003	0.5	Brown	2.5
1301009	0.5	Dark blue	2.5
1301005	0.5	Green/yellow	2.5
1301004	0.5	Grey	2.5
1301006	0.5	Pink	2.5
1301007	0.5	Red	2.5
1301008	0.5	White	2.5
1301021	0.75	Black	2.7
1301026	0.75	Blue	2.7
1301027	0.75	Brown	2.7
1301033	0.75	Dark blue	2.7
1301032	0.75	Green/yellow	2.7
1301029	0.75	Grey	2.7
1301028	0.75	Orange	2.7
1301030	0.75	Purple/violet	2.7
1301023	0.75	Red	2.7
1301022	0.75	White	2.7
1301041	1	Black	2.8
1301043	1	Blue	2.8
1301047	1	Brown	2.8
1301053	1	Dark blue	2.8
1301052	1	Green/yellow	2.8
1301050	1	Grey	2.8
1301048	1	Orange	2.8
1301051	1	Purple/violet	2.8
1301042	1	Red	2.8
1301045	1	White	2.8
1301061	1.5	Black	3
1301067	1.5	Blue	3
1301068	1.5	Brown	3
1301073	1.5	Dark blue	3
1301072	1.5	Green/yellow	3
1301069	1.5	Grey	3
1301062	1.5	Orange	3
1301064	1.5	Red	3
1301063	1.5	White	3

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
1301081	2.5	Black	3.5
1301087	2.5	Blue	3.5
1301083	2.5	Brown	3.5
1301091	2.5	Dark blue	3.5
1301088	2.5	Green	3.5
1301092	2.5	Green/yellow	3.5
1301089	2.5	Grey	3.5
1301082	2.5	Orange	3.5
1301084	2.5	Red	3.5
1301086	2.5	White	3.5
1301085	2.5	Yellow	3.5
1301101	4	Black	4
1301099	4	Blue	4
1301095	4	Brown	4
1301102	4	Dark blue	4
1301104	4	Green/yellow	4
1301093	4	Grey	4
1301094	4	Orange	4
1301096	4	Red	4
1301097	4	White	4
1301105	6	Black	4.6
1301111	6	Blue	4.6
1301112	6	Brown	4.6
1301114	6	Dark blue	4.6
1301107	6	Green	4.6
1301116	6	Green/yellow	4.6
1301113	6	Grey	4.6
1301110	6	Orange	4.6
1301106	6	Purple/violet	4.6
1301108	6	Red	4.6
1301109	6	White	4.6
1301117	10	Black	6.3
1301123	10	Blue	6.3
1301124	10	Dark blue	6.3
1301128	10	Green/yellow	6.3
1301120	10	Red	6.3
1301129	16	Black	8
1301135	16	Blue	8
1301130	16	Dark blue	8
1301140	16	Green/yellow	8
1301137	16	Grey	8
1301131	16	Red	8

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
1301141	25	Black	9.4
1301152	25	Green/yellow	9.4
1301153	35	Black	10.5
1301154	35	Green/yellow	10.5
1301161	50	Black	13.1
1301160	50	Green/yellow	13.1
1301162	70	Black	14.5
1301163	70	Green/yellow	14.5
1301164	95	Black	16.1
1301165	95	Green/yellow	16.1
1301166	120	Black	17.8
1301167	120	Green/yellow	17.8
1301168	150	Black	20.2
1301210	185	Black	21.9
1301211	240	Black	24.3

## Single core cable Jobwire H07Z-K



**Application** : Flexible, halogen free hook-up wire for use in junction boxes, apparatus and machinery.

**TECHNICAL DATA** : TYPE H07Z-K

**Standards** : HD 22 (NEN 3621), <HAR>, KEMA, Lloyd's.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -5°C to 90°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 700V

ProductNr	Dimension	Core insulation	Core colour	Outer diameter approx. (mm)
0173067	1.5	Polyolefin	Black	2.9
0173063	1.5	Polyolefin	Blue	2.9
0173065	1.5	Polyolefin	Brown	2.9
0173072	1.5	Polyolefin	Dark blue	2.9
0173068	1.5	Polyolefin	Green/yellow	2.9
0173064	1.5	Polyolefin	Grey	2.9
0173060	1.5	Polyolefin	Orange	2.9
0173062	1.5	Polyolefin	Purple/violet	2.9
0173061	1.5	Polyolefin	Red	2.9
0173066	1.5	Polyolefin	White	2.9
0173083	2.5	Polyolefin	Black	3.6
0173079	2.5	Polyolefin	Blue	3.6
0173081	2.5	Polyolefin	Brown	3.6
0173074	2.5	Polyolefin	Green	3.6
0173084	2.5	Polyolefin	Green/yellow	3.6
0173080	2.5	Polyolefin	Grey	3.6
0173076	2.5	Polyolefin	Orange	3.6
0173078	2.5	Polyolefin	Purple/violet	3.6
0173077	2.5	Polyolefin	Red	3.6
0173082	2.5	Polyolefin	White	3.6
0173075	2.5	Polyolefin	Yellow	3.6
0173093	4	Polyolefin	Black	4.2
0173091	4	Polyolefin	Blue	4.2
0173092	4	Polyolefin	Brown	4.2
0173094	4	Polyolefin	Green/yellow	4.2
0173090	4	Polyolefin	Red	4.2
0173095	4	Polyolefin	Yellow	4.2
0173103	6	Polyolefin	Black	4.8
0173101	6	Polyolefin	Blue	4.8
0173102	6	Polyolefin	Brown	4.8
0173104	6	Polyolefin	Green/yellow	4.8
0173100	6	Polyolefin	Red	4.8
0173106	6	PVC	Yellow	4.8
0173111	10	Polyolefin	Black	6.1
0173110	10	Polyolefin	Blue	6.1
0173112	10	Polyolefin	Green/yellow	6.1
0173120	16	Polyolefin	Black	7.3
0173121	16	Polyolefin	Green/yellow	7.3



ProductNr	Dimension	Core insulation	Core colour	Outer diameter approx. (mm)
0173126	25	Polyolefin	Black	8.7
0173127	25	Polyolefin	Green/yellow	8.7
0173125	25	Polyolefin	White	8.7
0173130	35	Polyolefin	Black	9.9
0173131	35	Polyolefin	Green/yellow	9.9
0173305	50	Polyolefin	Black	11.7
0173306	50	Polyolefin	Green/yellow	11.7
0173310	70	Polyolefin	Black	13.4
0173311	70	Polyolefin	Green/yellow	13.4
0173315	95	Polyolefin	Black	15.4
0173316	95	Polyolefin	Green/yellow	15.4

## Control cable EQ-flex C



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE C

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 300V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1004002	2 x 0.14	3.1
1004003	3 x 0.14	3.2
1004004	4 x 0.14	3.5
1004005	5 x 0.14	3.9
1004008	8 x 0.14	4.6
1004010	10 x 0.14	5.2
1004012	12 x 0.14	5.6
1004016	16 x 0.14	6.1
1004024	24 x 0.14	7.3
1004102	2 x 0.25	4.3
1004103	3 x 0.25	3.9
1004104	4 x 0.25	4.3
1004106	6 x 0.25	5
1004107	7 x 0.25	5.1
1004108	8 x 0.25	5.7
1004110	10 x 0.25	6.4
1004202	2 x 0.34	4.2
1004203	3 x 0.34	4.4
1003201	4 x 0.34	4.8
1004204	4 x 0.34	4.8
1004207	7 x 0.34	5.9
1004210	10 x 0.34	7.3
1004212	12 x 0.34	7.6
1004216	16 x 0.34	8.5

## Control cable EQ-flex CC



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC

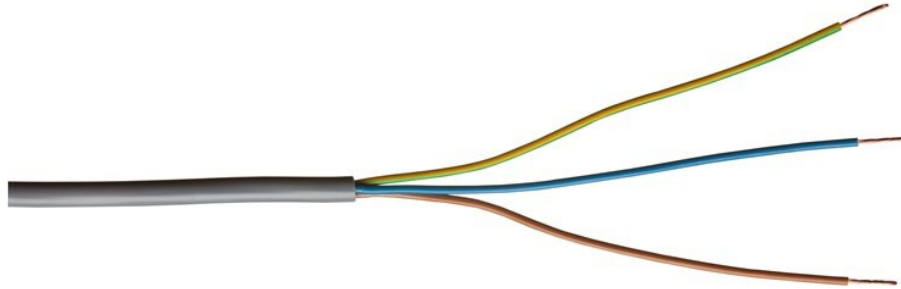
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
1005302	2 x 0.5	No	5
1005303	3 x 0.5	Yes	5.3
1005304	4 x 0.5	Yes	6.1
1005305	5 x 0.5	Yes	6.7
1005307	7 x 0.5	Yes	7.3
1005308	8 x 0.5	Yes	8.3
1005310	10 x 0.5	Yes	9.4
1005312	12 x 0.5	Yes	10.5
1005314	14 x 0.5	Yes	10.3
1005316	16 x 0.5	Yes	10.8
1005318	18 x 0.5	Yes	11.4
1005325	25 x 0.5	Yes	12.5
1005340	40 x 0.5	Yes	16.2
1005402	2 x 0.75	No	5.2
1005403	3 x 0.75	Yes	5.9
1005404	4 x 0.75	Yes	6.9
1005405	5 x 0.75	Yes	6.8
1005406	6 x 0.75	Yes	8.2
1005407	7 x 0.75	Yes	8.2
1005408	8 x 0.75	Yes	8.9
1005410	10 x 0.75	Yes	9.6
1005412	12 x 0.75	Yes	10.9
1005414	14 x 0.75	Yes	10.5
1005415	15 x 0.75	Yes	12.5
1005416	16 x 0.75	Yes	11.1
1005418	18 x 0.75	Yes	14.5
1005421	21 x 0.75	Yes	12.9
1005424	24 x 0.75	Yes	14.1
1005425	25 x 0.75	Yes	15.6
1005434	34 x 0.75	Yes	16.2

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
1005502	2 x 1	No	5.6
1005503	3 x 1	Yes	7.1
1005504	4 x 1	Yes	6.6
1005505	5 x 1	Yes	9
1005506	6 x 1	Yes	9.8
1005507	7 x 1	Yes	8.2
1005508	8 x 1	Yes	11.4
1005510	10 x 1	Yes	12.4
1005512	12 x 1	Yes	12.5
1005514	14 x 1	Yes	13.3
1005516	16 x 1	Yes	14
1005518	18 x 1	Yes	13
1005525	25 x 1	Yes	16.1
1005530	30 x 1	Yes	16.2
1005532	32 x 1	Yes	20
1005534	34 x 1	Yes	21.1
1005550	50 x 1	Yes	28
1005602	2 x 1.5	No	6.5
1005603	3 x 1.5	Yes	7.6
1005604	4 x 1.5	Yes	9.7
1005605	5 x 1.5	Yes	9.6
1005606	6 x 1.5	Yes	10.2
1005607	7 x 1.5	Yes	9.1
1005608	8 x 1.5	Yes	12.1
1005610	10 x 1.5	Yes	13.2
1005612	12 x 1.5	Yes	13.3
1005614	14 x 1.5	Yes	14.2
1005618	18 x 1.5	Yes	15.9
1005624	24 x 1.5	Yes	20.7
1005625	25 x 1.5	Yes	20.7
1005634	34 x 1.5	Yes	21.6
1005650	50 x 1.5	Yes	26.2
1005702	2 x 2.5	No	7.6
1005703	3 x 2.5	Yes	8.2
1003704	4 x 2.5	Yes	9.1
1005704	4 x 2.5	Yes	9.1
1005705	5 x 2.5	Yes	10.1
1003705	5 x 2.5	Yes	13.2
1005707	7 x 2.5	Yes	11.1
1005708	8 x 2.5	Yes	13.3
1005710	10 x 2.5	Yes	14.4
1005712	12 x 2.5	Yes	14.9
1005714	14 x 2.5	Yes	15.8
1005718	18 x 2.5	Yes	17.9

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
1005802	2 x 4	No	9.7
1005803	3 x 4	Yes	11.8
1005804	4 x 4	Yes	11
1005805	5 x 4	Yes	13.9
1005903	3 x 6	Yes	21.3
1005904	4 x 6	Yes	13.7
1005905	5 x 6	Yes	15.7
1005907	7 x 6	Yes	16.2
1005807	4 x 7	Yes	13.5
1005104	4 x 10	Yes	20.3
1005114	4 x 16	Yes	20.6
1005124	4 x 25	Yes	25.2
1005935	5 x 25	Yes	26.9
1005134	4 x 35	Yes	26.9
1005936	5 x 35	Yes	33.1

## Control cable EQ-flex CC-JB



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC-JB

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No



ProductNr	Dimension	Outer diameter approx. (mm)
1004320	4 x 0.5	5.8
1004306	3 x 1	6.1
1004310	5 x 1	7.2
1004313	3 x 1.5	6.8
1004307	4 x 1.5	7.4
1004311	5 x 1.5	8.3
1004319	3 x 2.5	9.7

## Control cable EQ-flex CC-OB



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC-OB

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1004300	2 x 0.5	4.8
1004301	3 x 0.5	5.2

ProductNr	Dimension	Outer diameter approx. (mm)
1004314	2 x 0.75	5.2
1015403	3 x 0.75	5.9
1004340	2 x 2.5	7.6

## Control cable EQ-flex CC-OZ



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC-OZ

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1004305	4 x 0.5	5.8

ProductNr	Dimension	Outer diameter approx. (mm)
1004403	3 x 0.75	5.9
1004404	4 x 0.75	6.3
1004405	5 x 0.75	6.8
1004604	4 x 1.5	7.3

## Control cable EQ-flex CC-O



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC-O

**Remarks** : Cores colour coded according to DIN47100.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
1007302	2 x 0.5	4.8	72
1007303	3 x 0.5	5.1	76
1007304	4 x 0.5	5.5	82
1007305	5 x 0.5	6.3	94
1007307	7 x 0.5	6.8	102
1007412	12 x 0.75	10	150

## Data cable EQ-flex CKY



**Application** : Used as computer cable and in other data transmission systems. Flexible, twisted pairs, overall braiding.

**TECHNICAL DATA** : TYPE CKY

Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C



ProductNr	Dimension	Outer diameter approx. (mm)	Number of stranding elements
1011002	2 x 2 x 0.14	5.4	2
1011003	3 x 2 x 0.14	5.7	3
1011004	4 x 2 x 0.14	6.5	4
1011005	5 x 2 x 0.14	7	5
1011006	6 x 1 x 0.14	7.3	6
1011008	8 x 2 x 0.14	8.3	8
1011010	10 x 2 x 0.14	9.2	10
1011012	12 x 2 x 0.14	9.8	12
1011025	25 x 2 x 0.14	12.7	25
1011102	2 x 2 x 0.25	6.7	2
1011103	3 x 2 x 0.25	7.1	3
1011104	4 x 2 x 0.25	7.9	4
1011108	8 x 2 x 0.25	9.9	8
1011112	12 x 2 x 0.25	12.1	12
1011116	16 x 2 x 0.25	14.4	16
1011134	2 x 2 x 0.34	7	2
1011303	3 x 2 x 0.34	7.4	3
1011304	2 x 4 x 0.34	8.3	2
1011305	5 x 2 x 0.34	9.3	5
1011306	6 x 2 x 0.34	9.7	6
1011138	8 x 2 x 0.34	10.8	8
1011202	2 x 2 x 0.5	8.4	2
1011203	3 x 2 x 0.5	9	3
1011204	4 x 2 x 0.5	9.9	4
1011206	3 x 4 x 0.5	12.1	3
1011208	8 x 2 x 0.5	12.9	8
1011212	12 x 2 x 0.5	15.1	12
1011402	2 x 2 x 0.75	9	2
1011403	3 x 2 x 0.75	9.6	3
1011404	4 x 2 x 0.75	10.7	4
1011406	6 x 2 x 0.75	12.7	6
1011408	8 x 2 x 0.75	14.4	8
1011412	12 x 2 x 0.75	17.1	12
1011428	13 x 2 x 0.75	18.9	13
1011503	3 x 2 x 1	10.3	3
1011504	4 x 2 x 1	11.4	4

## Control cable EQ-flex CY



**Application** : Flexible cable, copper braided. Protects against electromagnetic interference. Colour coded acc. to DIN47100.

**TECHNICAL DATA** : TYPE CY

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1016002	2 x 0.14	3.7
1016003	3 x 0.14	3.8
1016004	4 x 0.14	4.1
1016005	5 x 0.14	4.6
1016006	6 x 0.14	4.8
1016007	7 x 0.14	4.9
1016008	8 x 0.14	5.3
1016010	10 x 0.14	5.9
1016012	12 x 0.14	6.1
1016014	14 x 0.14	6.4
1016016	16 x 0.14	7
1016025	25 x 0.14	8.2
1016040	40 x 0.14	10
1016102	2 x 0.25	4.3
1016103	3 x 0.25	4.4
1016104	4 x 0.25	4.8
1016105	5 x 0.25	5.3
1016106	6 x 0.25	5.7
1016107	7 x 0.25	5.8
1016108	8 x 0.25	6.2
1016110	10 x 0.25	7.1
1016112	12 x 0.25	7.3
1016202	2 x 0.34	4.7
1016203	3 x 0.34	4.9
1016204	4 x 0.34	5.4
1016205	5 x 0.34	5.8
1016206	6 x 0.34	6.3
1016207	7 x 0.34	6.4
1016208	8 x 0.34	7
1016210	10 x 0.34	7.9
1016212	12 x 0.34	8.2
1016216	16 x 0.34	9
1016224	24 x 0.34	11.7
1016230	30 x 0.34	12
1016302	2 x 0.5	5.9
1016303	3 x 0.5	6.4
1016304	4 x 0.5	6.8
1016307	7 x 0.5	7.4
1016309	8 x 0.5	8.8
1016312	12 x 0.5	8
1016320	20 x 0.5	13
1016324	24 x 0.5	13.6

ProductNr	Dimension	Outer diameter approx. (mm)
1016402	2 x 0.75	6.7
1016403	3 x 0.75	6.1
1016404	4 x 0.75	7.6
1016405	5 x 0.75	7.4
1016406	6 x 0.75	9.1
1016407	7 x 0.75	10.1
1016410	10 x 0.75	10.5
1016412	12 x 0.75	11.8
1016502	2 x 1	7.7
1016503	3 x 1	7.8
1016504	4 x 1	8.5
1016505	5 x 1	9.6
1016507	7 x 1	10.7
1016510	10 x 1	11
1016512	12 x 1	13.3
1016602	2 x 1.5	8.3
1016603	3 x 1.5	8.7
1016604	4 x 1.5	9.6
1016605	5 x 1.5	10.5
1016607	7 x 1.5	11.3
1016612	12 x 1.5	15.3
1016704	4 x 2.5	10.2

## Control cable EQ-flex CY-JZ



**Application** : Flexible cable, copper braided. Protects against electromagnetic interference.

**TECHNICAL DATA** : TYPE CY-JZ

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1017303	3 x 0.5	6.4
1017304	4 x 0.5	6.8
1016308	8 x 0.5	7.8
1017312	12 x 0.5	8
1017403	3 x 0.75	6.3
1017404	4 x 0.75	7.6
1017405	5 x 0.75	8.2
1016606	7 x 0.75	10.1
1016608	8 x 0.75	10.1
1016610	10 x 0.75	10.5
1017412	12 x 0.75	11.8
1017418	18 x 0.75	12.5
1017425	25 x 0.75	15
1017434	34 x 0.75	19.3
1017503	3 x 1	7.8
1017504	4 x 1	8.5
1017505	5 x 1	9.6
1017507	7 x 1	10.7
1017512	12 x 1	10.5
1017603	3 x 1.5	8.7
1016637	4 x 1.5	8.4
1017605	5 x 1.5	10.5
1017607	7 x 1.5	11.3
1017612	12 x 1.5	15.3
1017625	25 x 1.5	18.2
1017703	3 x 2.5	9.2
1017704	4 x 2.5	9.9
1017705	5 x 2.5	11.3
1017804	4 x 4	13
1017904	4 x 6	14.2

## Control cable EQ-flex CY-OZ



**Application** : Flexible cable, copper braided. Protects against electromagnetic interference.

**TECHNICAL DATA** : TYPE CY-OZ

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
1017401	2 x 0.5	5.4
1017402	2 x 0.75	6.7
1017940	3 x 0.75	6.2
1017414	4 x 0.75	6.8
1017502	2 x 1	7.7
1017602	2 x 1.5	8.3
1017702	2 x 2.5	8



## Control cable EQ-flex LIY(ST)CY-OZ



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference.
<b>TECHNICAL DATA</b>	: <b>1040602</b>
<b>Remarks</b>	: <b>Shielded with alu-foil and tinned copper braiding for EMC applications.</b>
Dimension	: 2x1.5
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Foil + braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Outer diameter approx.	: 6.9mm
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U	: 500V
Bending radius	: 138mm
Core protecton	: No

## Control cable EQ-flex LIY(ST)CY-JZ



<b>Application</b>	: Flexible cable, copper braided. Protects against electromagnetic interference.
<b>TECHNICAL DATA</b>	: <b>1040504</b>
<b>Remarks</b>	: <b>Shielded with alu-foil and tinned copper braiding for EMC applications.</b>
Dimension	: 4x1
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Foil + braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Outer diameter approx.	: 7.2mm
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U	: 500V
Bending radius	: 144mm
Core protecton	: No

## Control cable EQ-flex LIYYCY-JZ



### TECHNICAL DATA

	: <b>1095604</b>
Dimension	: 4x1.5
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Other
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 9.4mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 300V
Core protecton	: No

## Control cable Purflex PUR-TPE



**Application** : Flexible cable for extreme circumstances. Very good oil and media resistant. The cable is free of halogen. This cable has a smaller outer diameter and an extended temperature range: -30°C to +90°C. Suitable for spiral cords.

**TECHNICAL DATA** : TYPE PUR-TPE

**Remarks** : Extremely resistant to oil, petrol, ozone. Protects from abrasion, suitable for spiral cords.

Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PUR (Polyurethane)
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -30°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C
Nominal voltage U	: 500V
Core protection	: No

ProductNr	Dimension	Core identification	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)
0150004	4 x 0.14	Colour	No	Black	3.6
0150012	12 x 0.15	Colour	No	Black	5.3
0150102	2 x 0.25	Colour	No	Black	3.7
0150106	6 x 0.25	Colour	No	Black	4.9
0150107	7 x 0.25	Colour	No	Black	5.3
0150112	12 x 0.25	Colour	No	Black	6.4
0150116	16 x 0.25	Colour	No	Black	7
0150202	2 x 0.34	Colour	No	Black	3.9
0150302	2 x 0.5	Numbers	No	Black	4.4
0150303	3 x 0.5	Numbers	Yes	Black	4.6
0150304	4 x 0.5	Numbers	Yes	Black	5
0150402	2 x 0.75	Numbers	No	Black	4.8
0149402	2 x 0.75	Numbers	No	Orange	4.8
0150403	3 x 0.75	Numbers	Yes	Black	5
0149403	3 x 0.75	Numbers	Yes	Orange	5
0150404	4 x 0.75	Numbers	Yes	Black	5.7
0149404	4 x 0.75	Numbers	Yes	Orange	5.7
0150405	5 x 0.75	Numbers	Yes	Black	6.3
0150407	7 x 0.75	Numbers	Yes	Black	7.3
0150408	8 x 0.75	Numbers	Yes	Black	7.8
0150412	12 x 0.75	Numbers	Yes	Black	9
0150416	16 x 0.75	Numbers	Yes	Black	10
0150425	25 x 0.75	Numbers	Yes	Black	12.8
0150440	40 x 0.75	Numbers	Yes	Black	15.3
0150502	2 x 1	Numbers	No	Black	5.4
0150503	3 x 1	Numbers	Yes	Black	5.7
0149503	3 x 1	Numbers	Yes	Orange	5.7
0150504	4 x 1	Numbers	Yes	Black	6.1
0149504	4 x 1	Numbers	Yes	Orange	6.1
0150505	5 x 1	Numbers	Yes	Black	6.8
0150507	7 x 1	Numbers	Yes	Black	8.2
0149507	7 x 1	Numbers	Yes	Orange	8.2
0150512	12 x 1	Numbers	Yes	Black	9.9
0150525	25 x 1	Numbers	Yes	Black	14.1

ProductNr	Dimension	Core identification	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)
0150602	2 x 1.5	Numbers	No	Black	5.8
0149602	2 x 1.5	Numbers	No	Orange	5.8
0150603	3 x 1.5	Numbers	Yes	Black	6.1
0149603	3 x 1.5	Numbers	Yes	Orange	6.1
0150604	4 x 1.5	Numbers	Yes	Black	6.6
0160604	4 x 1.5	Numbers	Yes	Blue	6.6
0149604	4 x 1.5	Numbers	Yes	Orange	6.6
0150605	5 x 1.5	Numbers	Yes	Black	7.6
0149605	5 x 1.5	Numbers	Yes	Orange	7.6
0150607	7 x 1.5	Numbers	Yes	Black	9.1
0149607	7 x 1.5	Numbers	Yes	Orange	9.1
0150612	12 x 1.5	Numbers	Yes	Black	10.7
0150618	18 x 1.5	Numbers	Yes	Black	12.9
0150703	3 x 2.5	Numbers	Yes	Black	7.8
0149703	3 x 2.5	Numbers	Yes	Orange	7.8
0150704	4 x 2.5	Numbers	Yes	Black	8.5
0149704	4 x 2.5	Numbers	Yes	Orange	8.5
0150705	5 x 2.5	Numbers	Yes	Black	9.5
0149705	5 x 2.5	Numbers	Yes	Orange	9.5
0150707	7 x 2.5	Numbers	Yes	Black	11.5
0150712	12 x 2.5	Numbers	Yes	Black	13.6
0149804	4 x 4	Numbers	Yes	Orange	11.4
0150904	4 x 6	Numbers	Yes	Black	12.9

## Control cable Purflex PUR-TPE-CY



**Application** : Flexible cable for extreme circumstances. Very good oil and media resistant. The cable is free of halogen. This cable has a smaller outer diameter and an extended temperature range: -30°C to 90°C. Suitable for spiral cords.

**TECHNICAL DATA** : TYPE PUR-TPE-CY

**Remarks** : Extremely resistant to oil, petrol, ozone. Protects well from abrasion, suitable for spiral cords.

Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -30°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Core identification	Protective conductor	Outer diameter approx. (mm)
0154104	4 x 0.25	Colour	Yes	4.8
0154106	6 x 0.25	Colour	Yes	5.2
0154107	7 x 0.25	Colour	Yes	5.7
0154108	8 x 0.25	Colour	Yes	6.3
0154303	3 x 0.5	Numbers	Yes	5
0154304	4 x 0.5	Numbers	Yes	5.3
0154307	7 x 0.5	Numbers	Yes	7.5
0154312	12 x 0.5	Numbers	Yes	8.8
0154402	2 x 0.75	Numbers	No	5.3
0154403	3 x 0.75	Numbers	Yes	5.4
0154404	4 x 0.75	Numbers	Yes	6.2
0154405	5 x 0.75	Numbers	Yes	7.3
0154406	6 x 0.75	Numbers	Yes	7.5
0154407	7 x 0.75	Numbers	Yes	8
0154412	12 x 0.75	Numbers	Yes	9.7
0154503	3 x 1	Numbers	Yes	5.7
0154504	4 x 1	Numbers	Yes	6.6
0154507	7 x 1	Numbers	Yes	9.2
0154512	12 x 1	Numbers	Yes	10.7
0154602	2 x 1.5	Numbers	No	6
0154603	3 x 1.5	Numbers	Yes	6.7
0154604	4 x 1.5	Numbers	Yes	7.2
0154605	5 x 1.5	Numbers	Yes	8
0154607	7 x 1.5	Numbers	Yes	9.7
0154612	12 x 1.5	Numbers	Yes	11.4
0154618	18 x 1.5	Numbers	Yes	13.2
0154625	25 x 1.5	Numbers	Yes	16.8
0154703	3 x 2.5	Numbers	Yes	8.7
0154704	4 x 2.5	Numbers	Yes	9.6
0154705	5 x 2.5	Numbers	Yes	10.3



## Control cable Purflex PUR-TPE-CW



**Application** : Flexible cable for extreme circumstances. Very good oil and media resistant. The cable is free of halogen. This cable has a smaller outer diameter and an extended temperature range: -30°C to 90°C. Suitable for spiral cords.

**TECHNICAL DATA** : 0143004

**Remarks** : Type CW has a tinned copper spiral wrapped shielding in stead of a braided shielding.

Dimension	: 4x0.14
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Other
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Outer diameter approx.	: 3.9mm
Permitted cable outer temperature, in movement	: -30°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C
Nominal voltage U	: 500V
Core protecton	: No

## Control cable Purflex PUR-PVC



<b>Application</b>	: Flexible cable for extreme circumstances. Very good oil and media resistant. Suitable for use in moist or damp environments.
<b>TECHNICAL DATA</b>	: TYPE PUR-PVC
<b>Remarks</b>	: Extremely resistant to oil, petrol, ozone. Protects well from abrasion, suitable for spiral cords.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 80°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0151304	4 x 0.5	Yes	5.7
0151402	2 x 0.75	No	5.4
0151403	3 x 0.75	Yes	5.7
0151404	4 x 0.75	Yes	6.2
0151405	5 x 0.75	Yes	6.8
0151407	7 x 0.75	Yes	7.4
0151502	2 x 1	No	5.7
0151512	12 x 1	Yes	10.5
0151518	18 x 1	Yes	12.7
0151602	2 x 1.5	No	6.3
0151603	3 x 1.5	Yes	6.7
0151604	4 x 1.5	Yes	7.3
0151607	7 x 1.5	Yes	9.5
0151612	12 x 1.5	Yes	12.8
0151703	3 x 2.5	Yes	8.2

## Control cable Purflex PUR-PVC-CY



<b>Application</b>	: Flexible cable for extreme circumstances. Very good oil and media resistant. Suitable for use in moist or damp environments.
<b>TECHNICAL DATA</b>	: TYPE PUR-PVC-CY
<b>Remarks</b>	: Extremely resistant to oil, petrol, ozone. Protects well from abrasion, suitable for spiral cords.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 80°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0152404	4 x 0.75	Yes	6.9
0152407	7 x 0.75	Yes	8.2

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0152602	2 x 1.5	No	6.9
0152604	4 x 1.5	Yes	8.1

## Control cable LED RGB



**Application** : Special, flexible cable for use in LED applications. Core colours are red, green, blue and white.

**TECHNICAL DATA** : **0105844**

Dimension	: 4x0.75
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 6.2mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Bending radius	: 62mm
Core protecton	: No

## Control cable Highflex CC-BD



<b>Application</b>	: Highly flexible process control cable for use in drag chains. Outer jacket Grey=RAL7001, Black=RAL9005.
<b>TECHNICAL DATA</b>	: TYPE CC-BD
Standards	: UL 2587, CSA AWM I A/B II A/B, UL1581 section 1060 FT1
<b>Remarks</b>	: Highly flexible bundles construction for dynamic applications. Please see the special mounting instructions: <a href="http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf">http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf</a>
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
No. bending cycli	: 3000000
Core protecton	: No

ProductNr	Dimension	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)	Bending radius (mm)
1207302	2 x 0.5	No	Black	5	38
1207305	5 x 0.5	Yes	Black	6.3	47
1207309	7 x 0.5	Yes	Black	7.8	58
1207313	12 x 0.5	Yes	Black	11.2	84
1207312	12 x 0.5	Yes	Grey	11.2	84
1207326	25 x 0.5	Yes	Black	15.3	115
1207325	25 x 0.5	Yes	Grey	15.3	115
1207403	3 x 0.75	Yes	Black	5.7	47
1207404	4 x 0.75	Yes	Black	6.2	47
1207405	5 x 0.75	Yes	Black	7	52
1207407	7 x 0.75	Yes	Black	8.6	65
1207408	8 x 0.75	Yes	Black	11	83
1207412	12 x 0.75	Yes	Black	12.2	92
1207419	18 x 0.75	Yes	Black	15.1	113
1207418	18 x 0.75	Yes	Grey	15.1	113
1207425	25 x 0.75	Yes	Black	17.1	128
1207513	3 x 1	Yes	Black	6.1	46
1207503	3 x 1	Yes	Grey	6.1	46
1207504	4 x 1	Yes	Black	6.6	50
1207505	5 x 1	Yes	Black	12.8	96
1207507	7 x 1	Yes	Black	9.1	68
1207512	12 x 1	Yes	Black	13.2	99
1207518	18 x 1	Yes	Black	16.2	121
1207525	25 x 1	Yes	Black	18.2	136
1207603	3 x 1.5	Yes	Black	6.9	56
1207604	4 x 1.5	Yes	Black	7.5	56
1207605	5 x 1.5	Yes	Black	8.4	63
1207607	7 x 1.5	Yes	Black	10.4	78
1207608	8 x 1.5	Yes	Black	13.8	103
1207612	12 x 1.5	Yes	Black	14.9	112
1207618	18 x 1.5	Yes	Black	18.5	139
1207625	25 x 1.5	Yes	Black	20.7	155
1207703	3 x 2.5	Yes	Black	8.4	63
1207704	4 x 2.5	Yes	Black	9.1	68
1207705	5 x 2.5	Yes	Black	10.2	77
1207707	7 x 2.5	Yes	Black	12.8	96
1207708	8 x 2.5	Yes	Black	13.3	100
1207804	4 x 4	Yes	Black	13.3	100



## Control cable Highflex CY-BD



<b>Application</b>	: Flexible cable, copper braided, protects against electromagnetic interference. Suitable for use in cable chains. Grey=RAL7001, Black=RAL9005.
<b>TECHNICAL DATA</b>	: TYPE CY-BD
Standards	: UL 2587, CSA AWM I A/B II A/B, UL1581 section 1060 FT1
<b>Remarks</b>	: <b>Highly flexible bundles construction for dynamic applications. Please see the special mounting instructions:</b> <a href="http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf">http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf</a>
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
No. bending cycli	: 3000000
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
1208307	7 x 0.5	Yes	10	75
1208402	2 x 0.75	No	7.2	52
1208403	3 x 0.75	Yes	7.5	56
1208404	4 x 0.75	Yes	8.0	60
1208405	5 x 0.75	Yes	9	68
1208407	7 x 0.75	Yes	10.6	80
1208412	12 x 0.75	Yes	14.6	110
1208418	18 x 0.75	Yes	15.1	113
1208505	5 x 1	Yes	9.4	70
1208614	4 x 1.5	Yes	9.5	71
1208607	7 x 1.5	Yes	12.4	71
1208704	4 x 2.5	Yes	11.3	85

## Data cable Highflex LIYY-UL



### TECHNICAL DATA

	: <b>1210004</b>
Dimension	: 0.25
Number of cores	: 8
Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Outer diameter approx.	: 7.4mm
Permitted cable outer temperature, in movement	: 0°C to 80°C
Permitted cable outer temperature, fixed	: 0°C to 80°C
Bending radius	: 48mm

## Control cable Highflex PRO CC 2D



**Application** : Suitable for use in cable chain systems. The keen construction makes the cable extremely flexible and applicable in various continuous moving equipment. The cable has a diminutive bend radius which makes it possible to use it in minuscule spaces.

**TECHNICAL DATA** : TYPE PRO CC 2D

**Remarks** : Very good petrol and oil resistant. Sea water resistant. Halogen free. Colour jacket is petrol blue.

Conductor category	: Class 6 = very flexible
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Other
Halogen free (acc. EN 60754-1/2)	: Yes
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Stranding element	Flame retardant	Outer diameter approx. (mm)	Bending radius (mm)
0169204	7 x 0.5	No	In accordance with EN 60332-1-2	7.1	54
0169014	7 x 0.5	No	No	6.4	42
0169015	3 x 0.75	No	No	5	33
0169016	7 x 0.75	No	No	7.2	47
0169017	12 x 0.75	Triple	No	10.1	66
0169203	12 x 0.75	Triple	No	10.1	78
0169021	3 x 1.5	No	No	6.1	40
0169205	4 x 1.5	No	In accordance with EN 60332-1-2	7.5	57
0169202	4 x 1.5	No	No	7.2	54
0169022	7 x 1.5	No	No	9.1	59
0169023	12 x 1.5	Triple	No	12.5	81
0169025	18 x 1.5	Triple	No	15.7	102
0169024	3 x 2.5	No	No	7.4	48
0169027	4 x 4	No	No	10	65
0169028	5 x 4	No	No	12.2	72

## Control cable Highflex PRO CY 2D



**Application** : Suitable for use in cable chain systems. The keen construction makes the cable extremely flexible and applicable in various continuous moving equipment. The cable has a diminutive bend radius which makes it possible to use it in minuscule spaces.

**TECHNICAL DATA** : TYPE PRO CY 2D

**Remarks** : Very good petrol and oil resistant. Sea water resistant. Halogen free. Colour jacket is petrol blue.

Conductor category	: Class 6 = very flexible
Conductor material	: Cu, bare
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Other
Halogen free (acc. EN 60754-1/2)	: Yes
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Core protecton	: No

ProductNr	Dimension	Stranding element	Core insulation	Flame retardant	Outer diameter approx. (mm)	Nominal voltage U (V)	Bending radius (mm)
0169031	2 x 0.15	No	Polypropylene	No	4.6	300	30
0169032	3 x 0.15	No	Polypropylene	No	4.7	300	31
0169033	7 x 0.15	No	Polypropylene	No	5.9	300	38
0169034	3 x 0.25	No	Polypropylene	No	5.2	300	34
0169207	4 x 0.25	No	Copolymer, thermoplastic	In accordance with EN 60332-1-2	6.5	500	49
0169039	4 x 0.25	No	Copolymer, thermoplastic	No	5.5	500	42
0169035	7 x 0.25	No	Polypropylene	No	6.8	300	44
0169056	12 x 0.25	Triple	Polypropylene	No	8.8	300	57
0169036	3 x 0.34	No	Polypropylene	No	5.4	300	35
0169037	7 x 0.34	No	Polypropylene	No	7.2	300	47
0169038	12 x 0.34	No	Polypropylene	No	9.6	300	62

## Control cable Highflex PRO CY-OZ 2D



**Application** : Suitable for use in cable chain systems. The keen construction makes the cable extremely flexible and applicable in various continuous moving equipment. The cable has a diminutive bend radius which makes it possible to use it in minuscule spaces.

**TECHNICAL DATA** : 0169041

**Remarks** : Very good petrol and oil resistant. Sea water resistant. Halogen free. Colour jacket is petrol blue.

Dimension	: 2x0.75
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Other
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Outer diameter approx.	: 6.2mm
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 500V
Bending radius	: 46mm
Core protecton	: No



## Control cable Highflex PRO CY-JZ 2D



**Application** : Suitable for use in cable chain systems. The keen construction makes the cable extremely flexible and applicable in various continuous moving equipment. The cable has a diminutive bend radius which makes it possible to use it in minuscule spaces.

**TECHNICAL DATA** : TYPE PRO CY-JZ 2D

**Remarks** : Very good petrol and oil resistant. Sea water resistant. Halogen free. Colour jacket is petrol blue.

Conductor category	: Class 6 = very flexible
Conductor material	: Cu, bare
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Other
Halogen free (acc. EN 60754-1/2)	: Yes
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Stranding element	Core insulation	Protective conductor	Flame retardant	Outer diameter approx. (mm)	Bending radius (mm)
0169051	6 x 0.5	No	Polypropylene	Yes	No	7.7	47
0169042	3 x 0.75	No	Copolymer, thermoplastic	Yes	No	6.4	42
0169045	4 x 0.75	No	Copolymer, thermoplastic	Yes	No	6.9	45
0169043	7 x 0.75	No	Copolymer, thermoplastic	Yes	No	8.7	57
0169052	8 x 0.75	No	Copolymer, thermoplastic	Yes	No	9	59
0169058	12 x 0.75	Triple	Copolymer, thermoplastic	Yes	No	11.9	77
0169053	2 x 1	No	Copolymer, thermoplastic	No	No	6.7	43
0169054	4 x 1	No	Copolymer, thermoplastic	Yes	No	7.6	48
0169059	12 x 1	Triple	Copolymer, thermoplastic	Yes	No	13.1	85
0169046	3 x 1.5	No	Copolymer, thermoplastic	Yes	No	7.7	50
0169206	4 x 1.5	No	Copolymer, thermoplastic	Yes	In accordance with EN 60332-1-2	9.3	55
0169047	4 x 1.5	No	Copolymer, thermoplastic	Yes	No	8.5	55
0169048	7 x 1.5	No	Copolymer, thermoplastic	Yes	No	10.9	71
0169049	3 x 2.5	No	Copolymer, thermoplastic	Yes	No	9.6	62
0169050	4 x 2.5	No	Copolymer, thermoplastic	Yes	No	10.3	67
0169055	5 x 2.5	No	Copolymer, thermoplastic	Yes	No	12	73

## Data cable Highflex PRO CKY 2D



**Application** : Suitable for use in cable chain systems. The keen construction makes the cable extremely flexible and applicable in various continuously moving equipment. The cable has a diminutive bend radius which makes it possible to use it in small spaces.

**TECHNICAL DATA** : TYPE PRO CKY 2D

**Remarks** : Very good petrol and oil resistant. Sea water resistant. Halogen free. Colour jacket is petrolblue.

Stranding element : Pairs  
 Conductor material : Cu, bare  
 Conductor category : Class 6 = very flexible  
 Core insulation : Polypropylene  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Braiding  
 Material outer sheath : Other  
 Colour outer sheath : Other  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No  
 Low smoke (acc. EN 61034-2) : No  
 Permitted cable outer temperature, in movement : -25°C to 90°C  
 Permitted cable outer temperature, fixed : -40°C to 90°C

ProductNr	Dimension	Outer diameter approx. (mm)	Number of stranding elements
0169060	2 x 2 x 0.25	6.7	2
0169061	3 x 2 x 0.25	7.1	3
0169062	4 x 2 x 0.25	7.9	4
0169063	8 x 2 x 0.25	14.4	8

## Control cable Highflex 3D



<b>Application</b>	: Highly flexible process control cable for use in drag chains and robotic applications. Torsion resistant and suitable for 360 degrees per meter movements.
<b>TECHNICAL DATA</b>	: TYPE 3D
Standards	: UL 10925, CSA AWM I A/B II A/B.
<b>Remarks</b>	: Highly flexible cable for dynamic applications, especially suitable for 3D applications. Please see the special mounting instructions: <a href="http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf">http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf</a>
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 80°C
Permitted cable outer temperature, fixed	: -50°C to 80°C
Nominal voltage U	: 1000V
No. bending cycli	: 10000000
Core protecton	: Yes

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
1206312	12 x 0.5	9.3	47
1206325	25 x 0.5	13.4	67

## Control cable Highflex CC



**Application** : For flexible use in industrial environments, machine manufacturing, process control systems.

**TECHNICAL DATA** : TYPE CC

Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
No. bending cycli	: 2000000
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0159402	4 x 0.5	Yes	6.3	47
0159404	7 x 0.5	Yes	8.1	61
0159413	4 x 0.75	Yes	6.9	52
0159414	5 x 0.75	Yes	7.5	56
0159487	8 x 0.75	Yes	8.7	73
0159418	25 x 0.75	Yes	15.1	113
0159425	2 x 1	No	6.2	47
0159426	3 x 1	Yes	6.6	50
0159427	4 x 1	Yes	7.3	55
0159430	12 x 1	Yes	11.4	86
0159437	2 x 1.5	No	6.9	52
0159441	7 x 1.5	Yes	11	83
0159488	8 x 1.5	Yes	11.8	89
0159442	12 x 1.5	Yes	12.9	97
0159443	18 x 1.5	Yes	15.7	119
0159447	3 x 2.5	Yes	9	68
0159448	4 x 2.5	Yes	10.1	76
0159450	7 x 2.5	Yes	13.7	103
0159451	12 x 2.5	Yes	16	120
0159461	4 x 4	Yes	11.8	104

## Control cable Highflex CY



<b>Application</b>	: Flexible cable, copper braided, protects against electromagnetic interference. Suitable for use in cable chains.
<b>TECHNICAL DATA</b>	: TYPE CY
<b>Remarks</b>	: Please see the special mounting instructions: <a href="http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf">http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf</a>
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: Other
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
No. bending cycli	: 2000000
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
0159504	7 x 0.5	Yes	9.9	74
0159505	12 x 0.5	Yes	11.3	85
0159506	18 x 0.5	Yes	13.5	101
0159515	2 x 0.75	No	7.4	56
0159516	3 x 0.75	Yes	7.8	59
0159519	7 x 0.75	Yes	10.8	81
0159520	12 x 0.75	Yes	12.4	93
0159521	18 x 0.75	Yes	15	113
0159534	7 x 1	Yes	11.5	86
0159537	25 x 1	Yes	18.7	140
0159553	5 x 1.5	Yes	11	83
0159554	7 x 1.5	Yes	12.8	96
0159555	12 x 1.5	Yes	15.1	120
0159556	18 x 1.5	Yes	17.9	150
0159565	3 x 2.5	Yes	10.8	81
0159596	4 x 6	Yes	16.2	122



## Control cable Highflex PUR-PBT



**Application** : **Very flexible cable. Because of its special construction perfect for use in cable chains.**

**TECHNICAL DATA** : **TYPE PUR-PBT**

**Remarks** : **Very good oil and petrol resistance. Free of halogen and flame retardant according to VDE 0482 T. 265-2-1.**

Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -30°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0151090	4 x 0.75	5.7	43
0151073	7 x 0.75	7.3	55
0151079	18 x 0.75	10.4	78
0151094	4 x 1.5	6.9	52
0151080	5 x 1.5	7.5	56
0151081	7 x 1.5	9.3	70
0151096	12 x 1.5	10.9	82
0151097	3 x 2.5	8	60
0151098	4 x 2.5	8.7	65

## Control cable Highflex PUR-PBT-CY



<b>Application</b>	: <b>Highly flexible cable. Because of its special construction perfect for use in cable chains. Type CY is a multicore cable</b>
<b>TECHNICAL DATA</b>	: <b>TYPE PUR-PBT-CY</b>
<b>Remarks</b>	: <b>Very good oil and petrol resistance. Halogen free. Excellent wear and tear resistance. Flame retardant according to VDE 0482 T. 265-2-1.</b>
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -30°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
-----------	-----------	-----------------------------------	------------------------

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0151099	4 x 1.5	7.7	77
0151074	18 x 1.5	13.9	139

## Data cable Highflex PUR-TPE-CKY



<b>Application</b>	: Highly flexible cable. Because of its special construction perfect for use in cable chains. Type CKY is a twisted pair version. The core insulation can deviate, see technical data for details.
<b>TECHNICAL DATA</b>	: TYPE PUR-TPE-CKY
<b>Remarks</b>	: Very good oil and petrol resistance. Halogen free. Excellent wear and tear resistance. Flame retardant according to VDE 0482 T. 265-2-1. Grey=RAL7001, Orange=RAL2003, Black=RAL9005.
Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PUR (Polyurethane)
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Permitted cable outer temperature, in movement	: -30°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)	Number of stranding elements
0151102	2 x 2 x 0.25	Orange	6	2
0151103	3 x 2 x 0.25	Orange	6.4	3
0151104	4 x 2 x 0.25	Orange	7.3	4
0151120	5 x 2 x 0.25	Orange	7.9	5
0151106	6 x 2 x 0.25	Grey	8.1	6
0151119	8 x 2 x 0.25	Grey	8.5	8
0151070	4 x 2 x 0.75	Black	8.2	4

## Data cable Highflex Cat 5E-UL



**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 5E1000 Mbit/s applications. Especially suitable for use in cable chains. According to EN 50173 and ISO 11801. UL Style 20963.

**TECHNICAL DATA** : 0159991

Standards : UL20963.

Dimension : 4x2xAWG26  
 Stranding element : Pairs  
 Conductor material : Cu, bare  
 Conductor category : Class 6 = very flexible  
 Core insulation : Polyolefin  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Foil + braiding  
 Material outer sheath : PUR (Polyurethane)  
 Colour outer sheath : Blue  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No  
 Low smoke (acc. EN 61034-2) : No  
 Outer diameter approx. : 6.1mm  
 Permitted cable outer temperature, in movement : -5°C to 50°C  
 Permitted cable outer temperature, fixed : -40°C to 80°C  
 Category : 5E  
 No. bending cycli : 3000000  
 Bending radius : 92mm  
 Number of stranding elements : 4

## Data cable Highflex Cat 5E-X



**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 5E, 1000 Mbit/s applications. Especially suitable for use in cable chains. According to EN 50173 and ISO 11801.

**TECHNICAL DATA** : 0159993

**Remarks** : Jacket colour = RAL5021.

Dimension : 4x2xAWG26  
 Stranding element : Pairs  
 Conductor material : Cu, bare  
 Conductor category : Class 6 = very flexible  
 Core insulation : Polyolefin  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Braiding  
 Material outer sheath : PUR (Polyurethane)  
 Colour outer sheath : Blue  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No  
 Low smoke (acc. EN 61034-2) : No  
 Outer diameter approx. : 6.1mm  
 Permitted cable outer temperature, in movement : -5°C to 50°C  
 Permitted cable outer temperature, fixed : -30°C to 80°C  
 Category : 5E  
 No. bending cycli : 7000000  
 Bending radius : 63mm  
 Number of stranding elements : 4



## Data cable Highflex Cat 6



**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 61000 Mbit/s applications, max. 250 MHz. Especially suitable for use in cable chains. According to IEC 61156-6, EN 50173 and ISO 11801.

**TECHNICAL DATA** : 0159992

Standards : C(UL)us 444.

Dimension : 4x2xAWG26  
 Stranding element : Pairs  
 Conductor material : Cu, tinned  
 Conductor category : Class 6 = very flexible  
 Core insulation : Polyolefin  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Foil + braiding  
 Material outer sheath : PUR (Polyurethane)  
 Colour outer sheath : Blue  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No  
 Low smoke (acc. EN 61034-2) : No  
 Outer diameter approx. : 7.8mm  
 Permitted cable outer temperature, in movement : -5°C to 70°C  
 Permitted cable outer temperature, fixed : -40°C to 80°C  
 Category : 6  
 No. bending cycli : 3000000  
 Bending radius : 117mm  
 Number of stranding elements : 4

## Data cable Highflex Cat 7



**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 7. Especially suitable for use in cable chains. Halogen free.

**TECHNICAL DATA** : 0159995

Dimension : 4x2xAWG24  
 Stranding element : Pairs  
 Conductor material : Cu, bare  
 Conductor category : Class 5 = flexible  
 Core insulation : Polyolefin  
 Core identification : Colour  
 Screen over stranding element : Foil + braiding  
 Screen over stranding : Foil + braiding  
 Material outer sheath : PUR (Polyurethane)  
 Colour outer sheath : Magenta  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No  
 Low smoke (acc. EN 61034-2) : No  
 Outer diameter approx. : 10.5mm  
 Permitted cable outer temperature, fixed : -20°C to 65°C  
 Category : 7  
 Bending radius : 105mm  
 Number of stranding elements : 4

## Data cable Highflex PROFINET



**Application** : Data communication cable for use in profinet systems. The highflex profinet is suitable for use in cable chains or dynamic applications.

**TECHNICAL DATA** : 0159989

**Standards** : UL Standard 444

**Remarks** : Please see the special mounting instructions:  
<http://www.jobarco.com/files/div/Installation%20guide%20for%20highflex%20cables.pdf>

Dimension : 2x2xAWG22  
 Stranding element : Pairs  
 Conductor material : Cu, tinned  
 Conductor category : Class 5 = flexible  
 Core insulation : Polyolefin  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Foil + braiding  
 Material outer sheath : PUR (Polyurethane)  
 Colour outer sheath : Green  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : In accordance with EN 60332-1-2  
 Outer diameter approx. : 6.5mm  
 Permitted cable outer temperature, in movement : -30°C to 70°C  
 Permitted cable outer temperature, fixed : -30°C to 70°C  
 Category : 5E  
 No. bending cycli : 3000000  
 Bending radius : 52mm  
 Number of stranding elements : 2

## Data cable Highflex Profibus



**Application** : Data communication cable for use in profibus systems. The highflex profibus is suitable for use in cable chains or dynamic applications.

**TECHNICAL DATA** : TYPE Profibus

Stranding element : Pairs  
 Conductor material : Cu, bare  
 Conductor category : Class 6 = very flexible  
 Core insulation : Polypropylene  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Braiding  
 Material outer sheath : PUR (Polyurethane)  
 Colour outer sheath : Other  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : No  
 Permitted cable outer temperature, fixed : -25°C to 80°C

ProductNr	Dimension	Outer diameter approx. (mm)	Number of stranding elements
0159701	1 x 2 x 0.25	4.8	1
0159706	1 x 2 x 0.25	8	1
0159702	2 x 2 x 0.25	7.3	2

## Single core cable Jobwire ESUY



<b>Application</b>	: Highly flexible hook-up wire with highly stranded cores.
<b>TECHNICAL DATA</b>	: TYPE ESUY
<b>Remarks</b>	: Highly flexible core construction. For example: 1.5 mm <sup>2</sup> = 385 x 0,07 mm bare copper litzes. For comparison: class 6 = 80 x 0,15 mm. Green RAL 6018/yellow RAL 1021:30%/70%.
Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: PVC
Screen	: No
Halogen free (acc. EN 60754-1/2)	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -15°C to 80°C
Nominal voltage U	: 750V

ProductNr	Dimension	Core colour	Flame retardant	Outer diameter approx. (mm)	Permitted cable outer temperature, fixed (°C)
0136123	0.5	Blue	No	2	-30°C to 80
0136214	1.5	Black	No	2.9	-30°C to 80
0136101	2.5	Black	No	3.8	-30°C to 80
0136125	2.5	Blue	No	3.8	-30°C to 80
0136201	2.5	Green/yellow	No	3.8	-30°C to 80
0136200	2.5	Red	No	3.8	-30°C to 80
0136111	4	Black	No	3.8	-30°C to 80
			In accordance with		
1200007	6	Green/yellow	EN 60332-1-2	6.5	-40°C to 90
0136103	6	Black	No	6.5	-30°C to 80
0136203	6	Green/yellow	No	6.5	-30°C to 80
0136213	6	Green/yellow	No	6.5	-30°C to 80
0136202	6	Transparent	No	6.5	-30°C to 80
0136104	10	Black	No	7.5	-30°C to 80
0136204	10	Green/yellow	No	7.5	-30°C to 80
0136114	16	Black	No	9	-30°C to 80
0136205	16	Green/yellow	No	9	-30°C to 80
0136105	16	Transparent	No	9	-30°C to 80
0136206	25	Green/yellow	No	10.5	-30°C to 80
0136115	25	Transparent	No	10.5	-30°C to 80

## Flat cable VLAKKABEL FN



**Application** : Flexible cable for use in trolley systems, transfer lines, machine-tools, hoisting devices, lifts, cranes and container bridges. Suitable for strongly bended and permanent moving applications. Durable and suitable for use indoor and outdoor.

**TECHNICAL DATA** : TYPE FN

Standards : UL Style 4540. DIN VDE 0250, part 809

Conductor category : Class 6 = very flexible

Core insulation : Rubber (EPR)

Protective conductor : Yes

Screen : No

Material outer sheath : CR (polychloroprene)

Colour outer sheath : Black

Halogen free (acc. EN 60754-1/2) : No

Flame retardant : No

Low smoke (acc. EN 61034-2) : No

Oil resistant (acc. EN 60811-404) : No

Permitted cable outer temperature, in movement : -25°C to 85°C

Nominal voltage U : 500V

ProductNr	Dimension	Core identification	Cable width approx. (mm)	Cable height approx. (mm)
0137604	4 x 1.5	Colour	17	6.4
0137608	8 x 1.5	Numbers	32	6.4
0137612	12 x 1.5	Numbers	47.5	7
0137950	4 x 2.5	Colour	19.6	7.4
0137708	8 x 2.5	Numbers	36.5	7.4
0137712	12 x 2.5	Numbers	20.7	7.8
0137804	4 x 4	Colour	24	9
0137904	4 x 6	Colour	27	9.6
0137949	4 x 10	Colour	11.2	33.3
0137924	4 x 16	Colour	13	38.7



## Flat cable VLAKKABEL FCK



**Application** : This cable is used in overhead transportsystems. Special cold resistant PVC.

**TECHNICAL DATA** : TYPE FCK

Conductor category	: Class 6 = very flexible
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Screen	: No
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -30°C to 70°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Cable width approx. (mm)	Cable height approx. (mm)
0138604	4 x 1.5	14.2	4.8
0138608	8 x 1.5	25.9	5
0138612	12 x 1.5	37.6	5.2
0138704	4 x 2.5	17.4	5.6
0138705	5 x 2.5	22	5.6
0138708	8 x 2.5	32.8	5.6
0138712	12 x 2.5	47.6	6
0138804	4 x 4	21	6.8
0138904	4 x 6	25	7.7

## Control cable Bedieningskabel BK



<b>Application</b>	: Cable with two steel wires for traction relief for the suspension of control boxes.
<b>TECHNICAL DATA</b>	: TYPE BK
Standards	: VDE 0250, 0281, 0293, 0472, 0473.
<b>Remarks</b>	: Galvanised steel wire elements on both sides, with pvc sheath.
Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -30°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
-----------	-----------	-----------------------------	---------------------

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0145612	12 x 1.5	31.5	378
0145620	20 x 1.5	36	432
0145624	24 x 1.5	37.1	445

## Elevator cable Joblift LSTN



**Application** : Lift cable for trailing cable installation, drag chains and as controlcable in conveyor facilities, machine-tools.

**TECHNICAL DATA** : TYPE LSTN

Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: Rubber (EPR)
Protective conductor	: Yes
Suspension element	: Hemp
Screen	: No
Material outer sheath	: CR (polychloroprene)
Colour outer sheath	: Black
Model	: Round
Torsion resistant	: Yes
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -30°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U0	: 450V
Nominal voltage U	: 750V

ProductNr	Dimension	Outer diameter approx. (mm)
0133507	7 x 1	13.5
0133512	12 x 1	19.5
0133518	18 x 1	20
0133524	24 x 1	22.5
0133607	7 x 1.5	13.5
0133705	5 x 2.5	14.5

## Elevator cable Joblift LC



**Application** : Lift cable for trailing cable installation, drag chains and as controlcable in conveyor facilities, machine-tools.

**TECHNICAL DATA** : TYPE LC

**Remarks** : Special PVC compound, cold resistant.

Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: PVC
Protective conductor	: Yes
Suspension element	: Hemp
Screen	: No
Material outer sheath	: PVC
Colour outer sheath	: Black
Model	: Round
Torsion resistant	: Yes
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -30°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

ProductNr	Dimension	Outer diameter approx. (mm)
0144512	12 x 1	18.1
0144520	20 x 1	18.9
0144524	24 x 1	21.3

## Elevator cable Joblift FLGOU



**Application** : Lift cable for trailing cable installation, drag chains and as controlcable in conveyor facilities, machine-tools.

**TECHNICAL DATA** : **0133023**

Dimension	: 7x2.5
Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: Rubber (EPR)
Protective conductor	: Yes
Suspension element	: Hemp
Screen	: No
Material outer sheath	: Rubber (EPR)
Colour outer sheath	: Black
Model	: Round
Torsion resistant	: Yes
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Outer diameter approx.	: 14.9mm
Permitted cable outer temperature, in movement	: -25°C to 80°C
Permitted cable outer temperature, fixed	: -40°C to 80°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V



## Elevator cable Joblift CN



**Application** : Lift cable for trailing cable installation, drag chains and as controlcable in conveyor facilities, machine-tools.

**TECHNICAL DATA** : TYPE CN

Dimension	: 6x0.75
Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: Rubber (EPR)
Protective conductor	: Yes
Suspension element	: Hemp
Screen	: Yes
Material outer sheath	: CR (polychloroprene)
Model	: Round
Torsion resistant	: Yes
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Outer diameter approx.	: 11mm
Permitted cable outer temperature, in movement	: -30°C to 70°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

ProductNr	Colour outer sheath	Permitted cable outer temperature, fixed (°C)
0142406	Black	-40°C to 70
0142407	Blue	-30°C to 70

## Trailing cable Trommelkabel PUR-H



**Application** : Cable for heavy machinery such as conveyor facilities, fork lifttrucks, train engines and agricultural machines. Suitable for outdoor use. Very good UV and ozone resistant, good oil resistant, flame retardant and good wear-resistant.

**TECHNICAL DATA** : TYPE PUR-H

**Remarks** : Central textile element and textile wrapping around the cores. The PUR-H is halogen free.

Conductor material	: Cu, bare
Core insulation	: Other
Nominal cross section pilot/reduced conductors	: 0mm <sup>2</sup>
Number of pilot/reduced cores	: 0
Protective conductor	: Yes
Suspension element	: Hemp
Torsion resistant	: Yes
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Model	: Round
Flame retardant	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 90°C
Permitted cable outer temperature, fixed	: -50°C to 90°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Identification main cores	Outer diameter approx. (mm)
0110604	4 x 1.5	Colour	11.2
0110605	5 x 1.5	Colour	11.8
0110607	7 x 1.5	Numbers	13.5
0110618	18 x 1.5	Numbers	18.1
0110624	24 x 1.5	Numbers	20.9
0110630	30 x 1.5	Numbers	23
0110704	4 x 2.5	Colour	12.3
0110705	5 x 2.5	Colour	13
0110707	7 x 2.5	Numbers	14.7
0110712	12 x 2.5	Numbers	20.4
0110718	18 x 2.5	Numbers	20.5
0110724	24 x 2.5	Numbers	23.6
0110730	30 x 2.5	Numbers	26.8
0110804	4 x 4	Colour	13.6
0110904	4 x 6	Colour	14.9
0110905	5 x 6	Colour	17.4
0110914	4 x 10	Colour	18.8
0110915	5 x 10	Colour	20.5
0110918	4 x 25	Colour	25.5
0110919	4 x 35	Colour	32

## Control cable Highflex PRO H



**Application** : Cable for heavy machinery such as conveyor facilities, fork lifttrucks, train engines and agricultural machines. Suitable for outdoor use. Very good UV and ozone resistant, good oil resistant, flame retardant and good wear resistant.

**TECHNICAL DATA** : TYPE PRO H

**Remarks** : Reelable cable with aramide strain relief in the core and a textile braiding around the cores. The outer jacket is halogen free, adhesion free, UV, ozone and oil resistant, wear and tear resistant.

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Polypropylene
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Other
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

ProductNr	Dimension	Core identification	Outer diameter approx. (mm)	Bending radius (mm)
0169103	4 x 1.5	Colour	8.7	74
0169110	12 x 1.5	Numbers	17.4	131
0169111	18 x 1.5	Numbers	18.9	142
0169104	4 x 2.5	Colour	11.5	86
0169106	5 x 2.5	Colour	12.4	93
0169107	5 x 4	Colour	12.2	116
0169112	4 x 16	Colour	23.6	177

## Trailing cable Trommelkabel NSHTÖU



**Application** : Reeling cables are used for high mechanical stress situations, especially for applications with frequent winding and unwinding with simultaneous tensile and tensional stress, for building machinery, conveyors and cranes.

### TECHNICAL DATA : TYPE NSHTÖU

Conductor material	: Cu, tinned
Core insulation	: Rubber (EPR)
Identification main cores	: Colour
Nominal cross section pilot/reduced conductors	: 0mm <sup>2</sup>
Number of pilot/reduced cores	: 0
Protective conductor	: Yes
Suspension element	: Other
Torsion resistant	: Yes
Material outer sheath	: CR (polychloroprene)
Colour outer sheath	: Black
Model	: Round
Flame retardant	: In accordance with EN 60332-1-2
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -25°C to 80°C
Permitted cable outer temperature, fixed	: -40°C to 80°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Outer diameter approx. (mm)
0185605	4 x 1.5	14.8
0185604	4 x 1.5	16
0185607	7 x 1.5	20.5
0185612	12 x 1.5	23.5
0185618	18 x 1.5	27.5
0185624	24 x 1.5	31
0185630	30 x 1.5	33.5
0185642	42 x 1.5	37
0185704	4 x 2.5	18
0185705	5 x 2.5	20.5
0185707	7 x 2.5	20.6
0185712	12 x 2.5	27.5
0185718	18 x 2.5	29.8
0185730	30 x 2.5	35.5
0185804	4 x 4	21
0185805	5 x 4	20.3
0185904	4 x 6	31
0185905	5 x 6	26
0185914	4 x 10	28.5
0185915	5 x 10	30.5
0185924	4 x 16	30.3
0185925	4 x 16	32.7
0185934	4 x 25	36.5
0185935	5 x 25	40
0185944	4 x 35	41.5
0185954	4 x 50	48
0185964	4 x 70	50.5
0185974	4 x 95	60

## Data cable Joblift Cat 6A



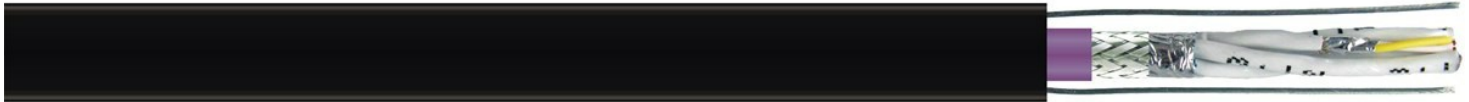
**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 61000 Mbit/s applications, max. 250 MHz. Especially suitable for use in elevators, cranes and other support systems. Cat6A according to IEC 61156-6. Maximum height 100 meter.

**TECHNICAL DATA** : 0159990

Dimension	: 4x2xAWG26
Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: Foil
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Outer diameter approx.	: 8.8mm
Permitted cable outer temperature, in movement	: -10°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 80°C
Category	: 6A (IEC)
Bending radius	: 132mm
Number of stranding elements	: 4



## Data cable Liftdatakabel Cat 7



**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 7. Especially suitable for use in elevators. Halogen free.

**TECHNICAL DATA** : 0159997

**Remarks** : Special elevator model. Strain relief by two steel wire carrier elements. Suspension height up to 80 meters.

Dimension	: 4x2xAWG24
Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: Foil + braiding
Screen over stranding	: Foil + braiding
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Outer diameter approx.	: 10.5mm
Permitted cable outer temperature, fixed	: -20°C to 65°C
Category	: 7
Number of stranding elements	: 4

## Welding cable Laskabel H01N2-D



### TECHNICAL DATA

	: TYPE H01N2-D
Standards	: DIN VDE 0282 deel 6.
Conductor category	: Class E = very flexible
Conductor material	: Cu, bare
Material outer sheath	: CR (polychloroprene)
Colour outer sheath	: Black
Flame retardant	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -25°C to 80°C
Permitted cable outer temperature, fixed	: -40°C to 80°C
Nominal voltage U <sub>0</sub>	: 100V
Nominal voltage U	: 100V

ProductNr	Dimension	Outer diameter approx. (mm)
0147049	16	11.5
0147051	25	13
0147055	35	14.5
0147050	50	17
0147094	70	19
0147095	95	21.5
0147096	120	24

## Power cord Jobspiral SP-TPE



<b>Application</b>	: Robust, highly flexible spiral cord for use in continuously moving apparatus.
<b>TECHNICAL DATA</b>	: TYPE SP-TPE
<b>Remarks</b>	: Our spiral cords are made of our PUR-TPE cable. Inner diameter spiral = 1,5 x the outer diameter of the cable. Outer diameter spiral = 3,5 x the outer diameter of the cable.
Conductor material	: Cu, bare
Material outer sheath	: PUR (Polyurethane)
Temperature resistance	: -30°C to 90°C
Nominal voltage	: 500V
Colour outer sheath	: Black
Spiralized cable	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
With cord switch	: No

ProductNr	Dimension	Length (m)	Protective conductor	Outer diameter approx. (mm)
0204040	4 x 0.14	0.5	No	3.6
0206210	6 x 0.25	0.05	No	4.9
0205261	6 x 0.25	0.5	No	4.9
0205904	12 x 0.25	1.25	No	6.4
0207067	16 x 0.25	1	No	7
0206197	2 x 0.34	0.25	Yes	3.9
0203639	2 x 0.5	0.25	No	4.4
0205286	2 x 0.5	0.5	No	4.4
0205370	3 x 0.5	0.5	Yes	4.6
0205362	3 x 0.5	1.25	Yes	4.6
0205363	3 x 0.5	2.75	Yes	4.6
0205382	4 x 0.5	0.5	Yes	5
0205387	4 x 0.5	1	Yes	5
0205391	4 x 0.5	1.5	Yes	5
0205390	4 x 0.5	2	Yes	5
0205420	2 x 0.75	0.25	No	4.8
0205421	2 x 0.75	0.5	No	4.8
0205422	2 x 0.75	0.75	No	4.8
0205423	2 x 0.75	1	No	4.8
0205424	2 x 0.75	1.25	No	4.8
0205425	2 x 0.75	1.5	No	4.8
0205426	2 x 0.75	2	No	4.8
0205427	2 x 0.75	2.5	No	4.8
0205428	2 x 0.75	3	No	4.8
0205330	3 x 0.75	0.25	Yes	5
0205331	3 x 0.75	0.5	Yes	5
0205332	3 x 0.75	0.75	Yes	5
0205333	3 x 0.75	1	Yes	5
0205334	3 x 0.75	1.25	Yes	5
0205335	3 x 0.75	1.5	Yes	5
0205336	3 x 0.75	2	Yes	5
0205337	3 x 0.75	2.5	Yes	5
0205338	3 x 0.75	3	Yes	5
0205339	3 x 0.75	3.5	Yes	5
0205351	3 x 0.75	5	Yes	5
0205440	4 x 0.75	0.25	Yes	5.7
0205441	4 x 0.75	0.5	Yes	5.7
0205442	4 x 0.75	0.75	Yes	5.7
0205443	4 x 0.75	1	Yes	5.7
0205444	4 x 0.75	1.25	Yes	5.7
0205445	4 x 0.75	1.5	Yes	5.7
0205446	4 x 0.75	2	Yes	5.7

ProductNr	Dimension	Length (m)	Protective conductor	Outer diameter approx. (mm)
0205447	4 x 0.75	2.5	Yes	5.7
0205448	4 x 0.75	3	Yes	5.7
0205449	4 x 0.75	3.5	Yes	5.7
0205450	5 x 0.75	0.25	Yes	6.3
0205451	5 x 0.75	0.5	Yes	6.3
0205452	5 x 0.75	0.75	Yes	6.3
0205453	5 x 0.75	1	Yes	6.3
0205454	5 x 0.75	1.25	Yes	6.3
0205455	5 x 0.75	1.5	Yes	6.3
0205456	5 x 0.75	2	Yes	6.3
0205457	5 x 0.75	2.5	Yes	6.3
0205458	5 x 0.75	3	Yes	6.3
0205459	5 x 0.75	3.5	Yes	6.3
0206051	7 x 0.75	0.15	Yes	7.3
0206881	7 x 0.75	0.15	Yes	7.3
0205470	7 x 0.75	0.25	Yes	7.3
0205471	7 x 0.75	0.5	Yes	7.3
0205472	7 x 0.75	0.75	Yes	7.3
0205473	7 x 0.75	1	Yes	7.3
0205474	7 x 0.75	1.25	Yes	7.3
0205475	7 x 0.75	1.5	Yes	7.3
0205476	7 x 0.75	2	Yes	7.3
0205477	7 x 0.75	2.5	Yes	7.3
0205478	7 x 0.75	3	Yes	7.3
0205479	7 x 0.75	3.5	Yes	7.3
0205497	8 x 0.75	0.5	Yes	7.8
0205503	8 x 0.75	1	Yes	7.8
0205927	8 x 0.75	1.25	Yes	7.8
0205490	8 x 0.75	1.5	Yes	7.8
0209168	8 x 0.75	3	Yes	7.8
0206708	12 x 0.75	0.5	No	9
0206719	12 x 0.75	0.75	Yes	9
0206705	12 x 0.75	1	No	9
0206713	12 x 0.75	1.25	No	9
0206702	12 x 0.75	1.5	No	9
0206707	12 x 0.75	2	No	9
0206552	16 x 0.75	0.5	Yes	10
0205972	16 x 0.75	1	Yes	10

ProductNr	Dimension	Length (m)	Protective conductor	Outer diameter approx. (mm)
0205520	2 x 1	0.25	No	5.4
0205521	2 x 1	0.5	No	5.4
0205522	2 x 1	0.75	No	5.4
0205523	2 x 1	1	No	5.4
0205524	2 x 1	1.25	No	5.4
0205525	2 x 1	1.5	No	5.4
0205526	2 x 1	2	No	5.4
0205527	2 x 1	2.5	No	5.4
0205528	2 x 1	3	No	5.4
0205529	2 x 1	3.5	No	5.4
0206171	2 x 1	5	No	5.4
0206530	3 x 1	0.25	Yes	5.7
0206529	3 x 1	0.3	Yes	5.7
0206531	3 x 1	0.5	Yes	5.7
0206532	3 x 1	0.75	Yes	5.7
0206533	3 x 1	1	Yes	5.7
0206534	3 x 1	1.25	Yes	5.7
0206535	3 x 1	1.5	Yes	5.7
0206536	3 x 1	2	Yes	5.7
0206537	3 x 1	2.5	Yes	5.7
0206538	3 x 1	3	Yes	5.7
0205540	4 x 1	0.25	Yes	6.1
0205541	4 x 1	0.5	Yes	6.1
0205542	4 x 1	0.75	Yes	6.1
0205543	4 x 1	1	Yes	6.1
0205544	4 x 1	1.25	Yes	6.1
0205545	4 x 1	1.5	Yes	6.1
0205546	4 x 1	2	Yes	6.1
0205547	4 x 1	2.5	Yes	6.1
0205548	4 x 1	3	Yes	6.1
0205549	4 x 1	3.5	Yes	6.1
0205957	5 x 1	2	Yes	6.8
0206073	5 x 1	3	Yes	6.8
0205886	7 x 1	1	Yes	8.2
0206136	7 x 1	1.25	Yes	8.2
0205838	7 x 1	1.5	Yes	8.2
0206178	12 x 1	0.75	Yes	9.9

ProductNr	Dimension	Length (m)	Protective conductor	Outer diameter approx. (mm)
0205620	2 x 1.5	0.25	No	5.8
0205621	2 x 1.5	0.5	No	5.8
0205622	2 x 1.5	0.75	No	5.8
0205623	2 x 1.5	1	No	5.8
0205625	2 x 1.5	1.5	No	5.8
0205626	2 x 1.5	2	No	5.8
0205627	2 x 1.5	2.5	No	5.8
0205628	2 x 1.5	3	No	5.8
0205629	2 x 1.5	3.5	No	5.8
0205630	3 x 1.5	0.25	Yes	6.1
0205631	3 x 1.5	0.5	Yes	6.1
0205632	3 x 1.5	0.75	Yes	6.1
0205633	3 x 1.5	1	Yes	6.1
0205634	3 x 1.5	1.25	Yes	6.1
0205635	3 x 1.5	1.5	Yes	6.1
0205636	3 x 1.5	2	Yes	6.1
0205637	3 x 1.5	2.5	Yes	6.1
0205638	3 x 1.5	3	Yes	6.1
0205639	3 x 1.5	3.5	Yes	6.1
0205641	4 x 1.5	0.5	Yes	6.6
0205642	4 x 1.5	0.75	Yes	6.6
0205643	4 x 1.5	1	Yes	6.6
0205644	4 x 1.5	1.25	Yes	6.6
0205645	4 x 1.5	1.5	Yes	6.6
0205646	4 x 1.5	2	Yes	6.6
0205647	4 x 1.5	2.5	Yes	6.6
0205648	4 x 1.5	3	Yes	6.6
0205649	4 x 1.5	3.5	Yes	6.6
0205793	4 x 1.5	4	Yes	6.6
0205650	5 x 1.5	0.25	Yes	7.6
0205651	5 x 1.5	0.5	Yes	7.6
0205652	5 x 1.5	0.75	Yes	7.6
0205653	5 x 1.5	1	Yes	7.6
0205655	5 x 1.5	1.5	Yes	7.6
0205656	5 x 1.5	2	Yes	7.6
0205657	5 x 1.5	2.5	Yes	7.6
0205658	5 x 1.5	3	Yes	7.6
0205659	5 x 1.5	3.5	Yes	7.6
0205667	7 x 1.5	0.5	Yes	9.1
0205699	7 x 1.5	0.75	Yes	9.1
0205669	7 x 1.5	1	Yes	9.1
0205673	7 x 1.5	1.5	Yes	9.1
0205671	7 x 1.5	2	Yes	9.1
0205590	7 x 1.5	5	Yes	9.1
0205683	12 x 1.5	0.5	Yes	10.7
0205705	12 x 1.5	0.75	Yes	10.7
0205792	12 x 1.5	1.5	Yes	10.7
0205817	12 x 1.5	2	Yes	10.7
0205794	12 x 1.5	5	Yes	10.7



ProductNr	Dimension	Length (m)	Protective conductor	Outer diameter approx. (mm)
0205700	18 x 1.5	0.5	Yes	12.9
0205730	3 x 2.5	0.25	Yes	7.8
0205731	3 x 2.5	0.5	Yes	7.8
0205732	3 x 2.5	0.75	Yes	7.8
0205733	3 x 2.5	1	Yes	7.8
0205944	3 x 2.5	1.2	Yes	7.8
0205734	3 x 2.5	1.25	Yes	7.8
0205735	3 x 2.5	1.5	Yes	7.8
0205736	3 x 2.5	2	Yes	7.8
0205737	3 x 2.5	2.5	Yes	7.8
0205738	3 x 2.5	3	Yes	7.8
0205739	3 x 2.5	3.5	Yes	7.8
0205740	4 x 2.5	0.25	Yes	8.5
0205741	4 x 2.5	0.5	Yes	8.5
0205742	4 x 2.5	0.75	Yes	8.5
0205743	4 x 2.5	1	Yes	8.5
0205744	4 x 2.5	1.25	Yes	8.5
0205745	4 x 2.5	1.5	Yes	8.5
0205746	4 x 2.5	2	Yes	8.5
0205747	4 x 2.5	2.5	Yes	8.5
0205748	4 x 2.5	3	Yes	8.5
0205749	4 x 2.5	3.5	Yes	8.5
0211798	5 x 2.5	0.2	Yes	9.5
0205775	5 x 2.5	0.5	Yes	9.5
0205772	5 x 2.5	0.75	Yes	9.5
0205771	5 x 2.5	1	Yes	9.5
0205806	7 x 2.5	0.5	Yes	11.5
0205788	7 x 2.5	1.5	Yes	11.5
0205811	12 x 2.5	5	Yes	13.6
0206162	4 x 6	3	Yes	12.9

## Power cord Jobspiral SP-SAN



**Application** : Robust, highly flexible spiral cord for use in continuously moving apparatus. The SP-SAN is applicable for high temperatures.

**TECHNICAL DATA** : TYPE SP-SAN

**Remarks** : These spiral cords are made of our SAN cable. Inner diameter spiral = 1,5 x the outer diameter of the cable. Outer diameter spiral = 3,5 x the outer diameter of the cable.

Dimension : 3x1.5  
 Conductor material : Cu, bare  
 Material outer sheath : Other  
 Temperature resistance : -25°C to 110°C  
 Nominal voltage : 500V  
 Spiralized cable : Yes  
 Protective conductor : Yes  
 Oil resistant (acc. EN 60811-404) : No  
 With cord switch : No  
 Outer diameter approx. : 8mm

ProductNr	Length (m)
0265631	50
0265635	150

## Power cord Jobspiral SP-ASS



### TECHNICAL DATA

: TYPE SP-ASS

Conductor material

: Cu, bare

Connection 1

: Socket outlet with protective contact, angled

Spiralized cable

: Yes

Protective conductor

: Yes

ProductNr	Dimension	Length (m)	Material outer sheath
0291001	3 x 0.75	0.5	PUR (Polyurethane)
0290001	3 x 0.75	0.5	PVC
0290002	3 x 0.75	0.5	PVC
0291005	3 x 0.75	0.75	PUR (Polyurethane)
0290007	3 x 0.75	0.75	PVC
0290008	3 x 0.75	0.75	PVC
0291002	3 x 1	0.5	PUR (Polyurethane)
0290003	3 x 1	0.5	PVC
0290004	3 x 1	0.5	PVC
0291006	3 x 1	0.75	PUR (Polyurethane)
0290009	3 x 1	0.75	PVC
0290010	3 x 1	0.75	PVC
0291003	3 x 1.5	0.5	PUR (Polyurethane)
0290005	3 x 1.5	0.5	PVC
0290006	3 x 1.5	0.5	PVC
0291007	3 x 1.5	0.75	PUR (Polyurethane)
0290011	3 x 1.5	0.75	PVC
0290012	3 x 1.5	0.75	PVC
0291009	3 x 1.5	1	PUR (Polyurethane)
0291004	3 x 2.5	0.5	PUR (Polyurethane)
0291008	3 x 2.5	0.75	PUR (Polyurethane)

## Data cable Highflex LIYCY-UL



**Application** : Flexible cable, copper braided. Protects against electromagnetic interference. Colour coded acc. to DIN47100.

**TECHNICAL DATA** : 1210005

**Standards** : UL 2464; CSA AWM IA/B IIA/B

**Remarks** : Outer jacket colour grey=RAL7001.

Dimension : 4x2x0.25  
 Stranding element : Pairs  
 Conductor material : Cu, bare  
 Conductor category : Class 5 = flexible  
 Core insulation : PVC  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Braiding  
 Material outer sheath : PVC  
 Colour outer sheath : Grey  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : No  
 Outer diameter approx. : 8.1mm  
 Permitted cable outer temperature, in movement : -5°C to 80°C  
 Permitted cable outer temperature, fixed : -30°C to 80°C  
 Number of stranding elements : 4

## Control cable TRAY-ER CC



<b>Application</b>	: Especially suited for application in open and closed cable trays. ER means exposed run.
<b>TECHNICAL DATA</b>	: TYPE CC
Standards	: UL 1277, UL 1063 conform NFPA 79 2007 and NEC 336.10(7). UL/CSA Recognized according to AWM style 10012 and 2587, UL 1685, FT4.
<b>Remarks</b>	: Outer jacket colour grey=RAL7001, orange=RAL 2003.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Colour outer sheath	Outer diameter approx. (mm)
1230502	2 x 1	No	Grey	7.9
1230503	3 x 1	Yes	Grey	8.3
1230504	4 x 1	Yes	Grey	9.1
1230505	5 x 1	Yes	Grey	9.9
1230507	7 x 1	Yes	Grey	10.8
1230508	8 x 1	Yes	Grey	12.5
1230510	10 x 1	Yes	Grey	14.3
1230512	12 x 1	Yes	Grey	14.6
1230518	18 x 1	Yes	Grey	17
1230525	25 x 1	Yes	Grey	19.4
1230534	34 x 1	Yes	Grey	24.1
1230602	2 x 1.5	No	Grey	8.6
1230603	3 x 1.5	Yes	Grey	9.1
1230604	4 x 1.5	Yes	Grey	9.9
1230614	4 x 1.5	Yes	Orange	9.9
1230605	5 x 1.5	Yes	Grey	10.8
1230607	7 x 1.5	Yes	Grey	13
1230608	8 x 1.5	Yes	Grey	14.5
1230610	10 x 1.5	Yes	Grey	15.5
1230612	12 x 1.5	Yes	Grey	16
1230704	4 x 2.5	Yes	Grey	10.8
1230705	5 x 2.5	Yes	Grey	11.9
1230707	7 x 2.5	Yes	Grey	13
1230708	8 x 2.5	Yes	Grey	15.9
1230710	10 x 2.5	Yes	Grey	17.1
1230712	12 x 2.5	Yes	Grey	17.6
1230804	4 x 4	Yes	Grey	12.4
1230904	4 x 6	Yes	Grey	14.4
1230914	4 x 10	Yes	Grey	18.5
1230924	4 x 16	Yes	Grey	23.8

## Control cable TRAY-ER CY

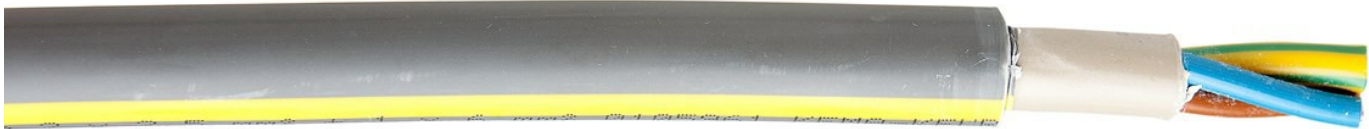


<b>Application</b>	: Especially suited for application in open and closed cable trays. ER means exposed run.
<b>TECHNICAL DATA</b>	: TYPE CY
Standards	: UL 1277, UL 1063 conform NFPA 79 2007 and NEC 336.10(7). UL/CSA Recognized according to AWM style 10012 and 2587, UL 1685, FT4.
<b>Remarks</b>	: Outer jacket colour grey=RAL7001.
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: Yes
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -5°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 90°C
Nominal voltage U	: 600V
Core protecton	: No



ProductNr	Dimension	Outer diameter approx. (mm)
1235505	5 x 1	10.5
1235507	7 x 1	11.4
1235604	4 x 1.5	10.5
1235608	8 x 1.5	15.4
1235704	4 x 2.5	11.4
1235804	4 x 4	14
1235924	4 x 16	24.6

## Low voltage power cable Instalcare Solid



**Application** : Special installation cable with flexible earth conductor for use in hospital rooms class 1, 2 and 3. According to NEN 1010:2015. Tested by TNO.

**TECHNICAL DATA** : 0105961

**Standards** : HD 604, IEC 60502-1, KEMA approved

**Remarks** : The Solid version has 2 power supply cores in 2.5 mm<sup>2</sup> solid bare copper. For Instalcare Stekerbaar there is a flexible version including connectors available.

Dimension : 2x2.5  
 Conductor material : Cu, bare  
 Conductor category : Class 1 = solid  
 Shape of conductor : Round  
 Core insulation : XLPE (VPE)  
 Core identification : Colour  
 Protective conductor : Yes  
 Inner sheath : No  
 Screen : No  
 Drain wire : Yes  
 Number of pilot/reduced cores : 1  
 Nominal cross section pilot/reduced core : 6mm<sup>2</sup>  
 Lead sheath : No  
 Concentric conductor : None  
 Armouring : No  
 Material outer sheath : Polyolefin  
 Colour outer sheath : Other  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : In accordance with EN 60332-3-24  
 Low smoke (acc. EN 61034-2) : Yes  
 Insulation integrity : No  
 Circuit integrity : No  
 Outer diameter approx. : 12.15mm  
 Permitted cable outer temperature, in movement : -10°C to 90°C  
 Permitted cable outer temperature, fixed : -10°C to 90°C  
 Nominal voltage U<sub>0</sub> : 0.6kV  
 Nominal voltage U : 1kV

## House wiring cable Kemaflex YK



**Application** : Flexible installation cable for low voltage, suitable for NEN 1010 areas. KEMA approved.

**TECHNICAL DATA** : TYPE YK

Standards : KEMA K176

**Remarks** : Unique, flexible, installation cable in 1.5 and 2.5 mm<sup>2</sup>

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Max. conductor temperature	: 77°C
Screen	: No
Drain wire	: No
Suspension element	: None
Protective barrier	: None
Lead sheath	: No
Armouring/reinforcement	: None
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Insulation integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

ProductNr	Dimension	Core identification	Protective conductor	Outer diameter approx. (mm)
0108602	2 x 1.5	Colour	No	9
0108603	3 x 1.5	Colour	Yes	11.2
0108605	5 x 1.5	Colour	Yes	13
0108607	7 x 1.5	Numbers	Yes	14
0108608	8 x 1.5	Numbers	Yes	15.2
0108625	25 x 1.5	Numbers	Yes	24.4
0108634	34 x 1.5	Numbers	Yes	27.2
0108703	3 x 2.5	Colour	Yes	12.5
0108704	4 x 2.5	Colour	Yes	13.5
0108705	5 x 2.5	Colour	Yes	14.7

## House wiring cable Kemaflex YKO



<b>Application</b>	: Flexible installation cable, KEMA approved, low voltage, NEN 1010 areas, with steel wire braiding.
<b>TECHNICAL DATA</b>	: TYPE YKO
Standards	: KEMA K176
<b>Remarks</b>	: Unique, flexibel, installation cable in 1.5 and 2.5 mm <sup>2</sup>
Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Core insulation	: PVC
Max. conductor temperature	: 77°C
Protective conductor	: No
Screen	: Yes
Drain wire	: Yes
Suspension element	: None
Protective barrier	: None
Lead sheath	: No
Armouring/reinforcement	: Braiding
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Insulation integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

ProductNr	Dimension	Core identification	Outer diameter approx. (mm)
0109602	2 x 1.5	Colour	14
0109603	3 x 1.5	Colour	14.7
0109604	4 x 1.5	Colour	15.6
0109605	5 x 1.5	Colour	16.5
0109607	7 x 1.5	Numbers	17.5
0109612	12 x 1.5	Numbers	21.3
0109625	25 x 1.5	Numbers	27.9
0109661	61 x 1.5	Numbers	40.4
0109702	2 x 2.5	Colour	15.2
0109703	3 x 2.5	Colour	16
0109704	4 x 2.5	Colour	17.5
0109707	7 x 2.5	Numbers	19.3
0109712	12 x 2.5	Numbers	23.8

## Low voltage power cable EMC flex PVC



**Application** : Flexible power supply cable with sturdy foil and additional braiding, according to EMC guidelines.

**TECHNICAL DATA** : TYPE PVC

**Remarks** : Aluminium-polyester foil, optical density approx. 100%, tinned drain wire longitudinally applied. Tinned wire braiding, optical density approx. 85%.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: Yes
Screen	: Yes
Drain wire	: Yes
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 77°C
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

Outer diameter

ProductNr	Dimension	Colour outer sheath	approx. (mm)
0100974	4 x 50	Grey	33.5
0100975	4 x 70	Grey	38.4
0100955	4 x 70	Other	42.4
0100956	4 x 95	Other	48.4



## Low voltage power cable EMC flex HHmb



**Application** : Flexible power supply cable with sturdy aluminium foil and additional braiding, according to EMC guideline 89/336/EEG. Halogen free version.

**TECHNICAL DATA** : TYPE HHmb

**Remarks** : Aluminium-polyester foil, optical density approx. 100%, tinned drain wire longitudinally applied. Tinned wire braiding, optical density approx. 85%.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: Yes
Screen	: Yes
Drain wire	: Yes
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 77°C
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Core insulation	Material outer sheath	Outer diameter approx. (mm)
0100501	4 x 1.5	Polyolefin	Polyolefin	13.4
0100502	3 x 2.5	Polyolefin	Polyolefin	13.4
0100503	4 x 2.5	XLPE (VPE)	Polyolefin	12.7
0100504	4 x 4	XLPE (VPE)	Polyolefin	14.6
0100505	4 x 6	Polyolefin	Polyolefin	18.5
0100506	4 x 10	Polyolefin	Polyolefin	22.1
0100507	4 x 16	Polyolefin	Polyolefin	24.9
0100508	4 x 25	Polyolefin	Polyolefin	29.4
0100509	4 x 35	Polyolefin	Polyolefin	33
0100990	4 x 50	XLPE (VPE)	Copolymer, thermoplastic	33.5
0100991	4 x 70	XLPE (VPE)	Copolymer, thermoplastic	38.4
0100992	4 x 95	XLPE (VPE)	Copolymer, thermoplastic	42.4

## Low voltage power cable EMC flex EMC-XLPE



**Application** : Flexible power supply cable with sturdy aluminium foil and additional braiding, according to EMC guideline 89/336/EEG. Halogen free version.

**TECHNICAL DATA** : TYPE EMC-XLPE

**Remarks** : Aluminium-polyester foil, optical density approx. Tinned wire braiding, optical density approx. 85%.

Conductor material	: Cu, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: XLPE (VPE)
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: Yes
Screen	: Yes
Drain wire	: Yes
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 77°C
Permitted cable outer temperature, in movement	: -15°C to 70°C
Permitted cable outer temperature, fixed	: -40°C to 70°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Outer diameter approx. (mm)
0100990	4 x 50	33.5
0100991	4 x 70	38.4
0100992	4 x 95	42.4

## Flexible cable Bouwflex H07RN-F



**Application** : Flexible rubber cable for use in industrial environments. Suitable for heavy duty applications.

**TECHNICAL DATA** : 0134085

**Remarks** : UV and ozon resistant. Good oil resistant. Bending radius acc. to VDE 0298 part 3.

Dimension	: 4x2.5
Conductor category	: Class 5 = flexible
Conductor material	: Cu, bare
Core insulation	: Rubber (EPR)
Core identification	: Colour
Protective conductor	: Yes
Screen	: No
Material outer sheath	: Rubber (EPR)
Colour outer sheath	: Black
Model	: Round
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 12.2mm
Max. conductor temperature	: 66°C
Permitted cable outer temperature, in movement	: -30°C to 60°C
Permitted cable outer temperature, fixed	: -40°C to 60°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

## Flexible cable Bouwflex H07RN-F



**Application** : Flexible neoprene cable for use in industrial environments. Suitable for heavy duty applications.

**TECHNICAL DATA** : TYPE H07RN-F

**Remarks** : UV and ozon resistant. Good oil resistant. Bending radius acc. to VDE 0298 part 3.

Conductor category	: Class 5 = flexible
Conductor material	: Cu, bare
Core insulation	: Rubber (EPR)
Core identification	: Colour
Screen	: No
Material outer sheath	: CR (polychloroprene)
Colour outer sheath	: Black
Model	: Round
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Max. conductor temperature	: 60°C
Permitted cable outer temperature, in movement	: -30°C to 60°C
Permitted cable outer temperature, fixed	: -40°C to 60°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0134102	2 x 1	No	10.5
0134103	3 x 1	Yes	11.5
0134104	4 x 1	Yes	12.5
0134118	18 x 1	Yes	20
0134202	2 x 1.5	No	11.5
0134203	3 x 1.5	Yes	12.5
0134204	4 x 1.5	Yes	13.5
0134205	5 x 1.5	Yes	15
0134207	7 x 1.5	Yes	17.5
0134212	12 x 1.5	Yes	22.4
0134219	19 x 1.5	Yes	24
0134220	24 x 1.5	Yes	28
0135211	1 x 2.5	No	8
0134302	2 x 2.5	No	13.5
0134303	3 x 2.5	Yes	14.5
0134304	4 x 2.5	Yes	15.5
0134305	5 x 2.5	Yes	17
0134307	7 x 2.5	Yes	20
0134631	12 x 2.5	Yes	26.2
0134221	19 x 2.5	Yes	28.5
0134632	24 x 2.5	Yes	32.5
0134402	2 x 4	No	13.5
0134403	3 x 4	No	14.3
0134404	4 x 4	Yes	18
0134405	5 x 4	Yes	19.9
0135213	1 x 6	No	11
0134105	2 x 6	Yes	14.5
0134503	3 x 6	Yes	20
0134504	4 x 6	Yes	22
0134505	5 x 6	Yes	24.5
0134580	1 x 10	No	12.5
0134603	3 x 10	Yes	22.8
0134604	4 x 10	Yes	28
0134605	5 x 10	Yes	30.5
0134208	1 x 16	No	14.5
0134607	3 x 16	Yes	25.3
0134608	4 x 16	Yes	32
0134612	5 x 16	Yes	35.5

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
0134600	1 x 25	No	16.5
0134506	3 x 25	Yes	33
0134508	4 x 25	Yes	37.5
0134507	5 x 25	Yes	41.5
0134210	1 x 35	No	15.3
0134610	4 x 35	Yes	36.6
0134406	5 x 35	Yes	41.5
0134581	1 x 50	No	21
0134515	4 x 50	Yes	42.5
0134516	5 x 50	Yes	47
0134602	1 x 70	No	20.8
0134609	4 x 70	Yes	48.5
0134509	5 x 70	Yes	50
0134645	1 x 95	No	23.4
0134613	4 x 95	Yes	61
0134510	5 x 95	Yes	61
0134700	1 x 120	No	25.2
0134702	4 x 120	Yes	58
0134660	1 x 150	No	28.5
0134517	4 x 150	Yes	74
0134650	1 x 185	No	29.4
0134518	4 x 185	Yes	79
0134630	1 x 240	No	32.5
0134634	1 x 300	No	41.9



## Flexible cable Werkplaatskabel JWPK



**Application** : A heavy-duty cable for use in industrial environment. Very good oil and media resistant. The cable is free of halogen.

**TECHNICAL DATA** : TYPE JWPK

**Remarks** : Very flexible even in case of low temperatures due to the polyurethane outer sheath. Also very good abrasion resistant.

Conductor category	: Class 5 = flexible
Conductor material	: Cu, bare
Core insulation	: Rubber (EPR)
Core identification	: Colour
Protective conductor	: Yes
Screen	: No
Material outer sheath	: PUR (Polyurethane)
Colour outer sheath	: Orange
Model	: Round
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Max. conductor temperature	: 94°C
Permitted cable outer temperature, fixed	: -40°C to 85°C
Nominal voltage U <sub>0</sub>	: 450V
Nominal voltage U	: 750V

ProductNr	Dimension	Outer diameter approx. (mm)
0149203	3 x 1.5	9.3
0149204	4 x 1.5	10.3

ProductNr	Dimension	Outer diameter approx. (mm)
0149223	3 x 2.5	11.1
0149225	5 x 2.5	13.5

## Flexible cable Bouwflex NSGAFOU



**Application** : For fixed laying in rail vehicles and buses as well as in dry rooms, in pipes and closed installation canals. Suitable for connecting of flexible units.

**TECHNICAL DATA** : TYPE NSGAFOU

**Remarks** : Cables with 3 kV operating voltage in low voltage facilities up to 1000 V are classified as short circuit and earth leakage protected connection.

Conductor category : Class 5 = flexible  
 Conductor material : Cu, tinned  
 Core insulation : Rubber (EPR)  
 Protective conductor : No  
 Screen : No  
 Material outer sheath : Rubber (EPR)  
 Colour outer sheath : Black  
 Model : Round  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : No  
 Oil resistant (acc. EN 60811-404) : No  
 Max. conductor temperature : 90°C  
 Permitted cable outer temperature, in movement : -30°C to 60°C  
 Permitted cable outer temperature, fixed : 40°C to 80°C  
 Nominal voltage U<sub>0</sub> : 1800V  
 Nominal voltage U : 3000V

ProductNr	Dimension	Outer diameter approx. (mm)
0135508	1 x 35	12.8
0135509	1 x 50	14.3

## Data cable Functiebehoud Cat4 FB90\_E30



**Application** : Data cable for cat. 4 applications, with fire protection. This cable functions up to 90 minutes in case of fire. Halogen free, Low Smoke, Fire Resistant. The cable is tested for FB90 according to the test method in EN50200 and for E30 according to the test method in DIN4102-12.

**TECHNICAL DATA** : 0171201

**Standards** : FB90 = EN50200 class PH90 E30 = DIN4102-12.

**Dimension** : 4x2x0.5  
**Stranding element** : Pairs  
**Conductor material** : Cu, bare  
**Diameter conductor** : 0.5mm  
**Conductor category** : Class 1 = solid  
**Core insulation** : Copolymer, cross-linked  
**Core identification** : Colour  
**Screen over stranding element** : None  
**Screen over stranding** : None  
**Material outer sheath** : Polyolefin  
**Colour outer sheath** : Red  
**Halogen free (acc. EN 60754-1/2)** : Yes  
**Flame retardant** : In accordance with EN 60332-3-24  
**Low smoke (acc. EN 61034-2)** : Yes  
**Outer diameter approx.** : 5.3mm  
**Permitted cable outer temperature, in movement** : -30°C to 70°C  
**Permitted cable outer temperature, fixed** : -30°C to 70°C  
**Category** : Other  
**Number of stranding elements** : 4

## Signal-/telecommunications cable Functiebehoud JBM E30-60



**Application** : Signal cable for fire protection purposes. This cable functions up to 30, 60 (E30-60) or 90 (E90) minutes in case of fire. Halogen free, Low Smoke, Fire Resistant.

**TECHNICAL DATA** : TYPE JBM E30-60

**Standards** : based on KEMA K102 part 314 and design KEMA norm FB signal cables.

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: Rubber (silicone)
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Red
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Circuit integrity	: E 60
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0154802	1 x 2 x 0.8	5.8
0154904	2 x 2 x 0.8	6.5
0154908	4 x 2 x 0.8	9.4
0154816	8 x 2 x 0.8	11.5
0154824	12 x 2 x 0.8	13.6
0154832	16 x 2 x 0.8	14.8
0154848	24 x 2 x 0.8	16.4

## Signal-/telecommunications cable Functiebehoud JBM E90



**Application** : Signal cable for fire protection purposes. This cable functions up to 30, 60 (E30-60) or 90 (E90) minutes in case of fire. Halogen free, Low Smoke, Fire Resistant.

**TECHNICAL DATA** : TYPE JBM E90

**Standards** : based on KEMA K102 part 314 and design KEMA norm FB signal cables.

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: Rubber (silicone)
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Red
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Circuit integrity	: E 90
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0154902	1 x 2 x 0.8	5.8
0154804	2 x 2 x 0.8	6.5
0154808	4 x 2 x 0.8	9.4
0154916	8 x 2 x 0.8	11.5
0154924	12 x 2 x 0.8	13.6
0154932	16 x 2 x 0.8	14.8
0154948	24 x 2 x 0.8	16.4



## Low voltage power cable Functiebehoud SMZK E30\_PH30



**Application** : Installation cable with fire protection. This cable functions up to 30 minutes in case of fire. Halogen free, Low Smoke, Fire Resistant.

**TECHNICAL DATA** : 0170602

**Standards** : HD 604 en ontwerp KEMA norm FB Laagspanningskabels.

Dimension : 2x1.5  
 Conductor material : Cu, bare  
 Conductor category : Class 1 = solid  
 Shape of conductor : Round  
 Core insulation : Rubber (silicone)  
 Core identification : Colour  
 Protective conductor : No  
 Inner sheath : No  
 Screen : No  
 Drain wire : No  
 Number of pilot/reduced cores : 0  
 Nominal cross section pilot/reduced core : 0mm<sup>2</sup>  
 Lead sheath : No  
 Concentric conductor : None  
 Armouring : No  
 Material outer sheath : Copolymer, thermoplastic  
 Colour outer sheath : Red  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : In accordance with EN 60332-3-24  
 Low smoke (acc. EN 61034-2) : Yes  
 Insulation integrity : PH 30  
 Circuit integrity : E 30  
 Outer diameter approx. : 10.2mm  
 Max. conductor temperature : 77°C  
 Permitted cable outer temperature, in movement : -5°C to 50°C  
 Permitted cable outer temperature, fixed : -30°C to 70°C  
 Nominal voltage U<sub>0</sub> : 0.6kV  
 Nominal voltage U : 1kV

## Control cable Flexellent SAN



**Application** : Highly flexible, halogen free cable with high chemical resistance and a temperature range of -50° up to +110°C. Very suitable for the Food and Beverage industry: tested and approved by Ecolab for resistance to various aggressive cleaning products.

**TECHNICAL DATA** : TYPE SAN

**Remarks** : High resistance to UV- and ozon, solvents, hydrolysis, microbes and animal fats. Wear and tear resistant. resistant to sulphuric acid, battery acid, nitric acid and chlorine.

Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 110°C
Permitted cable outer temperature, fixed	: -50°C to 110°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0131504	4 x 1	8.3
0131602	2 x 1.5	7.6
0131603	3 x 1.5	8
0131604	4 x 1.5	8.7
0131605	5 x 1.5	9.6
0131607	7 x 1.5	11.7
0131612	12 x 1.5	14
0131704	4 x 2.5	11
0131705	5 x 2.5	12

## Control cable Flexellent SAN-C



**Application** : Highly flexible, halogen free cable with high chemical resistance and a temperature range of -50° up to +110°C. Very suitable for the Food and Beverage industry: tested and approved by Ecolab for resistance to various aggressive cleaning products.

**TECHNICAL DATA** : TYPE SAN-C

**Remarks** : High resistance to UV- and ozon, solvents, hydrolysis, microbes and animal fats. Wear and tear resistant. resistant to sulphuric acid, battery acid, nitric acid and chlorine.

Conductor category	: Class 6 = very flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 110°C
Permitted cable outer temperature, fixed	: -50°C to 110°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
-----------	-----------	-----------------------------

ProductNr	Dimension	Outer diameter approx. (mm)
0139512	12 x 1	13.2
0132604	4 x 1.5	9.4
0132607	7 x 1.5	12.2
0132612	12 x 1.5	14.7
0132704	4 x 2.5	11.7

## Flat cable Flexellent SAN-F



**Application** : Highly flexible, halogen free cable with high chemical resistance and a temperature range of -50° up to +110°C. Very suitable for the Food and Beverage industry: tested and approved by Ecolab for resistance to various aggressive cleaning products.

**TECHNICAL DATA** : TYPE SAN-F

**Remarks** : High resistance to UV- and ozon, solvents, hydrolysis, microbes and animal fats. Wear and tear resistant. resistant to sulphuric acid, battery acid, nitric acid and chlorine.

Conductor category	: Class 6 = very flexible
Core insulation	: Copolymer, thermoplastic
Core identification	: Numbers
Protective conductor	: Yes
Screen	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 110°C
Nominal voltage U	: 500V

ProductNr	Dimension	Cable width approx. (mm)	Cable height approx. (mm)
0139604	4 x 1.5	15	5
0139612	12 x 1.5	42.5	5.5
0139707	7 x 2.5	33.6	6
0139712	12 x 2.5	52	5.8
0139907	7 x 6	43	7.6
0139916	4 x 16	36.8	11.2
0139950	4 x 35	48	14.2

## Single core cable Radox 125



### Application

: Especially suitable for the connection of motor windings, switchboards, white goods and lighting fixtures. Excellent high and low temperature and ozone resistance. Weatherproof, high abrasion resistance and good oil, fuel and solvents resistant.

### TECHNICAL DATA

: TYPE 125

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -40°C to 125°C
Permitted cable outer temperature, fixed	: -40°C to 125°C



ProductNr	Dimension	Core colour	Outer diameter approx. (mm)	Nominal voltage U <sub>0</sub> (V)	Nominal voltage U (V)
2110101	0.25	Black	1.5	450	750
2110104	0.25	Blue	1.5	450	750
2110105	0.25	Green	1.5	450	750
2110106	0.25	Green/yellow	1.5	450	750
2110109	0.25	Grey	1.5	450	750
2110108	0.25	Orange	1.5	450	750
2110107	0.25	Purple/violet	1.5	450	750
2110103	0.25	Red	1.5	450	750
2110102	0.25	White	1.5	450	750
2110110	0.34	Blue	1.6	450	750
2110201	0.5	Black	1.7	450	750
2110204	0.5	Blue	1.7	450	750
2110202	0.5	Brown	1.7	450	750
2110211	0.5	Green	1.7	450	750
2110207	0.5	Green/yellow	1.7	450	750
2110205	0.5	Grey	1.7	450	750
2110206	0.5	Orange	1.7	450	750
2110209	0.5	Purple/violet	1.7	450	750
2110208	0.5	Red	1.7	450	750
2110203	0.5	White	1.7	450	750
2110210	0.5	Yellow	1.7	450	750
2110301	0.75	Black	2.2	450	750
2110304	0.75	Blue	2.2	450	750
2110303	0.75	Brown	2.2	450	750
2110309	0.75	Green	2.2	450	750
2110307	0.75	Green/yellow	2.2	450	750
2110302	0.75	Grey	2.2	450	750
2110306	0.75	Orange	2.2	450	750
2110311	0.75	Purple/violet	2.2	450	750
2110308	0.75	Red	2.2	450	750
2110305	0.75	White	2.2	450	750
2110310	0.75	Yellow	2.2	450	750

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)	Nominal voltage U <sub>0</sub> (V)	Nominal voltage U (V)
2110401	1	Black	2.6	600	1000
2110404	1	Blue	2.6	600	1000
2110403	1	Brown	2.6	600	1000
2110412	1	Green	2.6	600	1000
2110407	1	Green/yellow	2.6	600	1000
2110409	1	Grey	2.6	600	1000
2110413	1	Orange	2.6	600	1000
2110402	1	Purple/violet	2.6	600	1000
2110408	1	Red	2.6	600	1000
2110406	1	White	2.6	600	1000
2110410	1	Yellow	2.6	600	1000
2110501	1.5	Black	2.7	600	1000
2110504	1.5	Blue	2.7	600	1000
2110502	1.5	Brown	2.7	600	1000
2110505	1.5	Green	2.7	600	1000
2110507	1.5	Green/yellow	2.7	600	1000
2110509	1.5	Grey	2.7	600	1000
2110512	1.5	Grey	2.7	600	1000
2110508	1.5	Orange	2.7	600	1000
2110506	1.5	Purple/violet	2.7	600	1000
2110503	1.5	Red	2.7	600	1000
2110511	1.5	White	2.7	600	1000
2110510	1.5	Yellow	2.7	600	1000
2110601	2.5	Black	3.5	600	1000
2110604	2.5	Blue	3.5	600	1000
2110603	2.5	Brown	3.5	600	1000
2110607	2.5	Green/yellow	3.5	600	1000
2110609	2.5	Grey	3.5	600	1000
2110611	2.5	Grey	3.5	600	1000
2110606	2.5	Orange	3.5	600	1000
2110608	2.5	Red	3.5	600	1000
2110602	2.5	White	3.5	600	1000
2110605	2.5	Yellow	3.5	600	1000
2110701	4	Black	4.2	600	1000
2110704	4	Blue	4.2	600	1000
2110714	4	Brown	4.2	600	1000
2110707	4	Green/yellow	4.2	600	1000
2110702	4	Grey	4.2	600	1000
2110708	4	Red	4.2	600	1000
2110703	4	White	4.2	600	1000

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)	Nominal voltage U <sub>0</sub> (V)	Nominal voltage U (V)
2110801	6	Black	4.9	600	1000
2110804	6	Blue	4.9	600	1000
2110805	6	Brown	4.9	600	1000
2110807	6	Green/yellow	4.9	600	1000
2110802	6	Red	4.9	600	1000
2110803	6	White	4.9	600	1000
2110901	10	Black	6.1	600	1000
2110903	10	Green/yellow	6.1	600	1000
2110904	10	Red	6.1	600	1000
2110910	10	White	6.1	600	1000
2111001	16	Black	7.3	600	1000
2110906	16	Green/yellow	7.3	600	1000
2110905	16	Red	7.3	600	1000
2111302	25	Black	8.9	600	1000
2111304	25	Green/yellow	8.9	600	1000
2111101	35	Black	10.3	600	1000
2111102	35	Green/yellow	10.3	600	1000
2111201	50	Black	12.1	600	1000
2111202	50	Green/yellow	12.1	600	1000
2111350	70	Black	14.4	600	1000
2111349	70	Green/yellow	14.4	600	1000
2111401	95	Black	16	600	1000
2111400	95	Green/yellow	16	600	1000
2111701	120	Black	18.1	600	1000
2111801	150	Black	20.5	600	1000

## Single core cable Radox 155



### Application

: Especially suitable for the connection of motor windings, switchboards, white goods and lighting fixtures. Excellent high and low temperature and ozone resistance. Weatherproof, high abrasion resistance and good oil, fuel and solvents resistant.

### TECHNICAL DATA

: TYPE 155

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Screen	: No
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -55°C to 155°C
Permitted cable outer temperature, fixed	: -55°C to 155°C

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)	Nominal voltage U <sub>0</sub> (V)	Nominal voltage U (V)
2112200	0.25	Black	1.5	300	500
2112201	0.34	White	1.6	300	500
2112202	0.34	Yellow	1.6	300	500
2112300	0.5	Black	1.8	300	500
2112302	0.5	Blue	1.8	300	500
2112303	0.5	Brown	1.8	300	500
2112305	0.5	Green	1.8	300	500
2112307	0.5	Green/yellow	1.8	300	500
2112306	0.5	Grey	1.8	300	500
2112308	0.5	Orange	1.8	300	500
2112309	0.5	Purple/violet	1.8	300	500
2112310	0.5	Red	1.8	300	500
2112301	0.5	White	1.8	300	500
2112304	0.5	Yellow	1.8	300	500
2112351	0.75	Black	2.3	300	500
2112350	0.75	Green/yellow	2.3	300	500
2112411	1	Black	2.6	600	1000
2112404	1	Blue	2.6	600	1000
2112405	1	Brown	2.6	600	1000
2112412	1	Green	2.6	600	1000
2112406	1	Grey	2.6	600	1000
2112407	1	Orange	2.6	600	1000
2112409	1	Purple/violet	2.6	600	1000
2112408	1	Red	2.6	600	1000
2112451	1	White	2.6	600	1000
2112410	1	Yellow	2.6	600	1000
2112502	1.5	Black	2.9	600	1000
2112504	1.5	Blue	2.9	600	1000
2112503	1.5	Green/yellow	2.9	600	1000
2112501	1.5	White	2.9	600	1000
2112605	2.5	Black	3.5	600	1000
2112604	2.5	Blue	3.5	600	1000
2112606	2.5	Brown	3.5	600	1000
2112607	2.5	Green/yellow	3.5	600	1000
2112602	2.5	Red	3.5	600	1000
2112601	2.5	White	3.5	600	1000

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)	Nominal voltage U <sub>0</sub> (V)	Nominal voltage U (V)
2112805	4	Black	4.2	600	1000
2112802	4	White	4.2	600	1000
2112808	6	Black	5.4	600	1000
2112803	6	White	5.4	600	1000
2112818	10	Black	6.8	600	1000
2112908	10	Blue	6.8	600	1000
2112909	10	Green/yellow	6.8	600	1000
2112907	10	White	6.8	600	1000
2112820	16	Black	8.5	600	1000
2112815	16	Green/yellow	8.5	600	1000
2112814	16	White	8.5	600	1000
2112952	25	Black	9.9	600	1000
2112940	35	Black	11.7	600	1000
2112954	50	Black	13.2	600	1000
2112960	70	Black	15.5	600	1000
2112970	95	Black	16	600	1000
2112975	120	Black	18.1	600	1000

## Control cable Radox 125 multicore



### Application

: Especially suitable for the connection of motor windings, switchboards, white goods and lighting fixtures. Excellent high and low temperature and ozone resistance. Weatherproof, high abrasion resistance and good oil, fuel and solvents resistant. Good resistance to acids and alkaline solutions.

### TECHNICAL DATA

: TYPE 125 multicore

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Polyolefin
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -40°C to 125°C
Permitted cable outer temperature, fixed	: -40°C to 125°C
Nominal voltage U	: 1000V
Core protecton	: No

ProductNr	Dimension	Core identification	Protective conductor	Outer diameter approx. (mm)
2131404	2 x 0.75	Colour	No	6.6
2131402	3 x 0.75	Colour	Yes	7.3
2131401	4 x 0.75	Colour	Yes	7.7
2131405	5 x 0.75	Colour	Yes	8.6
2131502	2 x 1	Colour	No	7.5
2131503	3 x 1	Colour	Yes	7.9
2131602	2 x 1.5	Colour	No	7.8
2131601	3 x 1.5	Colour	Yes	8.3
2131403	4 x 1.5	Colour	Yes	9.2
2131605	5 x 1.5	Colour	Yes	10.4
2111352	7 x 1.5	Numbers	Yes	9
2131703	3 x 2.5	Colour	No	10.1



## Control cable Radox 125 CY multicore



### Application

: Especially suitable for the connection of motor windings, switchboards, white goods and lighting fixtures. Excellent high and low temperature and ozone resistance. Weatherproof, high abrasion resistance and good oil, fuel and solvents resistant. Good resistance to acids and alkaline solutions.

### TECHNICAL DATA

: TYPE 125 CY multicore

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Polyolefin
Core identification	: Colour
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -40°C to 125°C
Permitted cable outer temperature, fixed	: -40°C to 125°C
Nominal voltage U	: 1000V
Core protecton	: No

ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)
2130405	2 x 0.75	No	7.6
2130400	3 x 0.75	No	7.6
2130502	2 x 1	No	7.9
2130602	2 x 1.5	No	7.8
2130603	3 x 1.5	Yes	8.3
2130604	4 x 1.5	Yes	9.2
2130605	5 x 1.5	Yes	10.4
2130703	3 x 2.5	No	10.8

## Single core cable Radox GKW-LW

### Application

: Especially suitable for the connection of motor windings, switchboards, white goods and lighting fixtures. Excellent high and low temperature and ozone resistance. Weatherproof, high abrasion resistance and good oil, fuel and solvents resistant.

### TECHNICAL DATA

: TYPE GKW-LW

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Screen	: No
Core colour	: White
Halogen free (acc. EN 60754-1/2)	: Yes
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -40°C to 120°C

ProductNr	Dimension	Core insulation	Flame retardant	Outer diameter approx. (mm)	Nominal voltage U0 (V)	Nominal voltage U (V)
2114740	0.5	PVC	In accordance with EN 60332-1-2	2	600	1000
2115552	2 x 1	Polyolefin	In accordance with EN 60332-3-24	4.6	0.6	1
2115553	3 x 1	Polyolefin	In accordance with EN 60332-3-24	5.5	0.6	1
2115554	4 x 1	Polyolefin	In accordance with EN 60332-3-24	8.8	0.6	1
2114749	1	PVC	In accordance with EN 60332-1-2	1.21	600	1000
2115202	2 x 1.5	Polyolefin	In accordance with EN 60332-3-24	5.4	0.6	1
2115603	3 x 1.5	Polyolefin	In accordance with EN 60332-3-24	5.7	0.6	1
2115606	4 x 1.5	Polyolefin	In accordance with EN 60332-3-24	6.5	0.6	1
2115605	5 x 1.5	Polyolefin	In accordance with EN 60332-3-24	7.1	0.6	1
2114750	1.5	PVC	In accordance with EN 60332-1-2	2.7	600	1000
2114751	2.5	PVC	In accordance with EN 60332-1-2	3.3	600	1000

## Low voltage power cable Radox GKW-LW-S EMC

### TECHNICAL DATA : TYPE GKW-LW-S EMC

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: Polyolefin
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen	: Yes
Drain wire	: No
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Outer diameter approx. (mm)	Max. conductor temperature (°C)	Permitted cable outer temperature, in movement (°C)	Permitted cable outer temperature, fixed (°C)
2115302	2 x 0.5	4.3	132	-25°C to 90	-40°C to 120
2115526	2 x 0.5	6.4	132	-25°C to 90	-40°C to 120
2115303	3 x 0.5	4.5	132	-25°C to 90	-40°C to 120
2115304	4 x 0.5	4.8	132	-25°C to 90	-40°C to 120
2115305	5 x 0.5	5.4	132	-25°C to 90	-40°C to 120
2115306	6 x 0.5	5.7	132	-25°C to 90	-40°C to 120
2115528	8 x 0.5	7.4	132	-25°C to 90	-40°C to 120
2114409	9 x 0.5	11.1	120	-25°C to 200	-40°C to 280
2115402	2 x 0.75	4.8	132	-25°C to 90	-40°C to 120
2115403	3 x 0.75	5	132	-25°C to 90	-40°C to 120
2115405	4 x 0.75	5.5	132	-25°C to 90	-40°C to 120
2115531	6 x 0.75	7.6	132	-25°C to 90	-40°C to 120
2115409	12 x 0.75	8.4	132	-25°C to 90	-40°C to 120
2115502	2 x 1	5	132	-25°C to 90	-40°C to 120
2115503	3 x 1	5.5	132	-25°C to 90	-40°C to 120
2115504	4 x 1	5.8	132	-25°C to 90	-40°C to 120
2115511	7 x 1	7.9	132	-25°C to 90	-40°C to 120
2115602	2 x 1.5	9.2	132	-25°C to 90	-40°C to 120
2115604	3 x 1.5	6.1	132	-25°C to 90	-40°C to 120
2115711	4 x 1.5	6.7	132	-25°C to 90	-40°C to 120
2115513	5 x 1.5	7.8	132	-25°C to 90	-40°C to 120
2115507	7 x 1.5	9.1	132	-25°C to 90	-40°C to 120
2115712	12 x 1.5	10.9	132	-25°C to 90	-40°C to 120
2115702	2 x 2.5	7	132	-25°C to 90	-40°C to 120
2115508	3 x 2.5	7.6	132	-25°C to 90	-40°C to 120

## Single core cable Radox 3 GWK

### Application

: Especially suitable for the connection of motor windings, switchboards, white goods and lighting fixtures. Excellent high and low temperature and ozone resistance. Weatherproof, high abrasion resistance and good oil, fuel and solvents resistant.

### TECHNICAL DATA

: TYPE 3 GWK

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Copolymer, cross-linked
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -50°C to 120°C
Permitted cable outer temperature, fixed	: -50°C to 120°C
Nominal voltage U <sub>0</sub>	: 600V
Nominal voltage U	: 1000V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
2114400	0.5	Grey	2
2114401	0.75	Grey	2.2
2114501	1	Grey	2.45
2114600	1.5	Green/yellow	2.7
2114601	1.5	Grey	2.7
2114700	2.5	Green/yellow	3.3
2114701	2.5	Grey	3.3
2114801	4	Grey	3.95
2114910	6	Green/yellow	4.7
2114901	6	Grey	4.7
2114909	10	Green/yellow	5.85
2114902	10	Grey	5.85
2114903	16	Grey	7.3
2114932	25	Green/yellow	8.9
2114904	25	Grey	8.9
2114905	35	Grey	10.2
2114913	50	Green/yellow	11.9
2114906	50	Grey	11.9
2114928	70	Green/yellow	14.3
2114907	70	Grey	14.3
2114908	95	Grey	15.9



## Low voltage power cable Radox 3 GKW-S tractiekabel EMC

### TECHNICAL DATA

### : TYPE 3 GKW-S tractiekabel EMC

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: Polyolefin
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: Yes
Screen	: Yes
Drain wire	: No
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 120°C
Permitted cable outer temperature, in movement	: -25°C to 200°C
Permitted cable outer temperature, fixed	: -40°C to 280°C
Nominal voltage U <sub>0</sub>	: 0.6kV
Nominal voltage U	: 1kV

ProductNr	Dimension	Outer diameter approx. (mm)
2114513	3 x 0.75	7.5
2114912	3 x 10	17.1

## Low voltage power cable Radox 4 GW-AX

### TECHNICAL DATA

### : TYPE 4 GW-AX

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: Polyolefin
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen	: No
Drain wire	: No
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 132°C
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 120°C
Nominal voltage U <sub>0</sub>	: 1.8kV
Nominal voltage U	: 3kV

ProductNr	Dimension	Outer diameter approx. (mm)
2115600	1 x 1	2.8
2115601	1 x 1.5	3.2
2115701	1 x 2.5	3.7
2115900	1 x 4	4.5
2115901	1 x 6	5.1
2115902	1 x 10	6.3
2115903	1 x 16	8.3
2115904	1 x 25	10.2
2115905	1 x 35	11.7
2115906	1 x 50	13.6
2115907	1 x 70	15.6
2115908	1 x 95	17.3
2115910	1 x 120	19.6
2115911	1 x 150	21.9
2115912	1 x 185	23.8
2115914	1 x 240	26.9
2115915	1 x 300	29.7

## Low voltage power cable Radox 4 GKW-AX EMC

### TECHNICAL DATA

### : TYPE 4 GKW-AX EMC

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: Polyolefin
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen	: Yes
Drain wire	: No
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 132°C
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 120°C
Nominal voltage U <sub>0</sub>	: 1.8kV
Nominal voltage U	: 3kV

ProductNr	Dimension	Outer diameter approx. (mm)
2115923	1 x 50	13.6
2115926	1 x 70	15.6
2115928	1 x 95	17.3

## Low voltage power cable Radox 9 GWK-AX

### TECHNICAL DATA

### : TYPE 9 GWK-AX

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation	: Polyolefin
Core identification	: Numbers
Protective conductor	: No
Inner sheath	: No
Screen	: No
Drain wire	: No
Number of pilot/reduced cores	: 0
Nominal cross section pilot/reduced core	: 0mm <sup>2</sup>
Lead sheath	: No
Concentric conductor	: None
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Max. conductor temperature	: 132°C
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 120°C
Nominal voltage U <sub>0</sub>	: 3.6kV
Nominal voltage U	: 6kV

ProductNr	Dimension	Outer diameter approx. (mm)
2116900	1 x 1.5	4.4
2116901	1 x 2.5	4.9
2116902	1 x 6	6.3
2116904	1 x 10	7.5
2116903	1 x 16	9.4
2116905	1 x 35	12.5
2116906	1 x 50	14.5
2116907	1 x 70	16.5
2116908	1 x 95	18.5
2116912	1 x 120	20.8
2116911	1 x 150	23.1
2116913	1 x 185	25

## Data cable Radox Databus

### TECHNICAL DATA : 2117005

Dimension	: 1x3x0.5
Stranding element	: Pairs
Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Outer diameter approx.	: 6.8mm
Permitted cable outer temperature, fixed	: -40°C to 150°C
Number of stranding elements	: 1

## Data cable Radox Databus EMC

### TECHNICAL DATA

: **TYPE Databus EMC**

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Permitted cable outer temperature, fixed	: -40°C to 150°C

ProductNr	Dimension	Stranding element	Outer diameter approx. (mm)	Number of stranding elements
2117103	1 x 2 x 0.5	No	6.8	1
2117113	1 x 4 x 0.5	No	7.9	1
2117106	2 x 2 x 0.5	Pairs	11.2	2
2117104	1 x 2 x 0.75	No	8.5	1



## Data cable Radox Databus CAT

**TECHNICAL DATA** : **TYPE Databus CAT**

Conductor material : Cu, tinned  
 Conductor category : Class 5 = flexible  
 Core identification : Colour  
 Screen over stranding element : None  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : Yes

ProductNr	Dimension	Stranding element	Core insulation	Screen over stranding	Material outer sheath	Colour outer sheath	Outer diameter approx. (mm)	Permitted cable outer temperature, in movement (°C)	Permitted cable outer temperature, fixed (°C)	Category	Number of stranding elements
2117114	4 x 2 x 0.25	Pairs	PE (polyethylene)	Braiding	Other	Blue	8.1	-40°C to 70	-40°C to 70	7	4
2117109	4 x 0.34	No	Polyolefin	None	Polyolefin	Black	7.25	-25°C to 90	-40°C to 90	5	0
2117112	2 x 2 x 0.34	Pairs	Polyolefin	None	Polyolefin	Black	6.6	-25°C to 90	-40°C to 90	5	2

## Signal-/telecommunications cable Radox TENUIS TW-S

### TECHNICAL DATA

### : TYPE TENUIS TW-S

Number of stranding elements	: 0
Conductor category	: Class 1 = solid
Conductor material	: Cu, tinned
Stranding	: Layers
Core insulation	: Polyolefin
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: None
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 120°C
Outdoor use permitted	: No

ProductNr	Dimension	Outer diameter approx. (mm)
2168036	2 x 0.5	4.4
2168052	2 x 1	5.1
2168062	2 x 1.5	6
2168037	3 x 0.5	5
2168053	3 x 1	5.4
2168063	3 x 1.5	6.3
2168038	4 x 0.5	5
2168044	4 x 0.75	5.6
2168064	4 x 1.5	6.9

## Signal-/telecommunications cable Radox TENUIS TW-S EMC

<b>TECHNICAL DATA</b>	<b>: 2168121</b>
Dimension	: 2x2x0.5
Conductor category	: Class 1 = solid
Conductor material	: Cu, tinned
Stranding	: Layers
Stranding element	: Pairs
Core insulation	: Polyolefin
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: Braiding
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Circuit integrity	: No
Outer diameter approx.	: 6.5mm
Permitted cable outer temperature, in movement	: -25°C to 90°C
Permitted cable outer temperature, fixed	: -40°C to 120°C
Outdoor use permitted	: No

## Flexible cable Tempflex SIMX



**Application** : Flexible, halogen free silicone cable for use in high temperature environments.  
Silicone is suitable up to 180 degrees temperatures.

**TECHNICAL DATA** : TYPE SIMX

Conductor category	: Class 5 = flexible
Core insulation	: Rubber (silicone)
Core identification	: Colour
Protective conductor	: No
Screen	: No
Material outer sheath	: Rubber (silicone)
Model	: Round
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Max. conductor temperature	: 198°C
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U <sub>0</sub>	: 350V
Nominal voltage U	: 500V

ProductNr	Dimension	Conductor material	Colour outer sheath	Outer diameter approx. (mm)
0117702	2 x 0.75	Cu, tinned	Red	6.4
0117703	3 x 0.75	Cu, tinned	Red	6.8
0117704	4 x 0.75	Cu, tinned	Red	7.6
0117705	5 x 0.75	Cu, tinned	Red	8.5
0117707	7 x 0.75	Cu, tinned	Red	9.2
0117722	2 x 1	Cu, tinned	Red	6.6
0117723	3 x 1	Cu, tinned	Red	7
0117724	4 x 1	Cu, tinned	Red	7.9
0117725	5 x 1	Cu, tinned	Red	8.8
0117727	7 x 1	Cu, tinned	Red	9.5
0117742	2 x 1.5	Cu, tinned	Red	7.6
0117743	3 x 1.5	Cu, tinned	Red	8
0117744	4 x 1.5	Cu, tinned	Red	8.8
0117745	5 x 1.5	Cu, tinned	Red	9.6
0117747	7 x 1.5	Cu, tinned	Red	10.4
0117752	12 x 1.5	Cu, tinned	Red	14
0117772	2 x 2.5	Cu, tinned	Red	8.8
0117773	3 x 2.5	Cu, tinned	Red	9.7
0117774	4 x 2.5	Cu, tinned	Red	10.6
0117775	5 x 2.5	Cu, tinned	Red	11.6
0117778	7 x 2.5	Cu, bare	Black	13.6
0117777	7 x 2.5	Cu, tinned	Red	12.7
0117794	4 x 4	Cu, tinned	Red	12.6
0117795	5 x 4	Cu, tinned	Red	14
0117803	4 x 6	Cu, tinned	Red	14.2
0117804	5 x 6	Cu, tinned	Red	15.4
0117810	4 x 10	Cu, tinned	Red	19.4
0117815	4 x 16	Cu, tinned	Red	22

## Flexible cable Tempflex SIMX-P



**Application** : Flexible, halogen free silicone cable for use in high temperature environments. Silicone is suitable up to 180 degrees temperatures.

**TECHNICAL DATA** : TYPE SIMX-P

**Remarks** : Shielded with glass silk and galvanized steel wire braiding. The steel wire braid is the outer sheath.

Conductor category	: Class 5 = flexible
Conductor material	: Cu, tinned
Core insulation	: Rubber (silicone)
Core identification	: Colour
Protective conductor	: No
Screen	: Yes
Material outer sheath	: Other
Colour outer sheath	: Other
Model	: Round
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Max. conductor temperature	: 198°C
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U <sub>0</sub>	: 350V
Nominal voltage U	: 500V

ProductNr	Dimension	Outer diameter approx. (mm)
0117823	3 x 0.75	7.6
0117824	4 x 0.75	8.1
0117825	5 x 0.75	9.2
0117827	7 x 0.75	9.9
0117842	2 x 1	7.6
0117843	3 x 1	8
0117844	4 x 1	8.8
0117845	5 x 1	9.7
0117862	2 x 1.5	8.3
0117863	3 x 1.5	8.7
0117864	4 x 1.5	9.6
0117865	5 x 1.5	10.4
0117867	7 x 1.5	11.4
0117883	3 x 2.5	10.2
0117884	4 x 2.5	11.5
0117885	5 x 2.5	12.7
0117892	4 x 4	14.



## Flexible cable Tempflex SiSV



**Application** : Flexible, halogen free silicone cable for use in high temperature environments. Silicone is suitable up to 180 degrees temperatures.

**TECHNICAL DATA** : TYPE SiSV

**Remarks** : Normally the wear and tear resistance for silicone is 15-17 Newton, this cable reaches 23-25 Newton. Excellent combination of heat resistance and mechanical features.

Conductor category	: Class 5 = flexible
Conductor material	: Cu, tinned
Core insulation	: Rubber (silicone)
Core identification	: Colour
Protective conductor	: No
Screen	: No
Material outer sheath	: Rubber (silicone)
Colour outer sheath	: Red
Model	: Round
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Max. conductor temperature	: 198°C
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U0	: 350V
Nominal voltage U	: 500V

ProductNr	Dimension	Outer diameter approx. (mm)
0126002	2 x 0.75	6.3
0126007	2 x 1	6.7

ProductNr	Dimension	Outer diameter approx. (mm)
0126018	3 x 1.5	8.1

## Single core cable Tempflex SIMX-F



**Application** : Flexible, halogen free silicone wire for use in high temperature environments. Silicone is suitable up to 180 degrees temperatures.

**TECHNICAL DATA** : TYPE SIMX-F

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Rubber (silicone)
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0118001	0.5	Black	2.1
0117998	0.5	Blue	2.1
0117999	0.5	Green/yellow	2.1
0118015	0.5	Red	2.1
0118006	0.75	Black	2.4
0118003	0.75	Blue	2.4
0118002	0.75	Red	2.4
0118026	1	Black	2.5
0118023	1	Blue	2.5
0118025	1	Green/yellow	2.5
0118033	1	Grey	2.5
0118032	1	Orange	2.5
0118027	1	Purple/violet	2.5
0118022	1	Red	2.5
0118028	1	Red	2.5
0118029	1	White	2.5
0118046	1.5	Black	2.8
0118043	1.5	Blue	2.8
0118045	1.5	Green/yellow	2.8
0118042	1.5	Red	2.8
0118047	1.5	Red	2.8
0118066	2.5	Black	3.4
0118063	2.5	Blue	3.4
0118068	2.5	Brown	3.4
0118065	2.5	Green/yellow	3.4
0118062	2.5	Red	3.4
0118067	2.5	Red	3.4
0118064	2.5	White	3.4
0118086	4	Black	4.2
0118083	4	Blue	4.2
0118082	4	Red	4.2
0118106	6	Black	5.2
0118103	6	Blue	5.2
0118104	6	Brown	5.2
0118102	6	Red	5.2

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0118126	10	Black	6.8
0118124	10	Brown	6.8
0118122	10	Red	6.8
0118146	16	Black	8.4
0118142	16	Red	8.4
0118156	25	Black	10.3
0118152	25	Red	10.3
0118164	35	Green/yellow	11.6

## Single core cable Tempflex SIMX-D



**Application** : Flexible, halogen free silicone solid wire for use in high temperature environments. Silicone is suitable up to 180 degrees temperatures.

**TECHNICAL DATA** : TYPE SIMX-D

Conductor material	: Cu, tinned
Conductor category	: Class 1 = solid
Core insulation	: Rubber (silicone)
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U0	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0117960	1	Brown	2.3
0117958	1	Red	2.3
0117993	2.5	Blue	3.1
0117994	2.5	Brown	3.1

## Single core cable Tempflex SIF/GL



<b>Application</b>	: Flexible, halogen free silicone wire for use in high temperature environments
<b>TECHNICAL DATA</b>	: TYPE SIF/GL
<b>Remarks</b>	: Silicone wire with glass-silk braiding. This braiding is also the outer sheath
Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Rubber (silicone)
Screen	: No
Core colour	: Transparent
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Outer diameter approx. (mm)
0122401	0.75	2.9
0122601	1.5	3.5
0122701	2.5	4.1
0122801	4	4.6
0122901	6	5.2
0122902	10	7.2
0122903	16	9.6
0122904	25	10.2
0122905	35	11.6
0122906	50	15.5
0122907	70	18.2
0122909	120	22



## Single core cable Tempflex SIF/Z



<b>Application</b>	: Flexible, halogen free silicone wire for use in high temperature environments. Silicone is suitable up to 180 degrees temperatures.
<b>TECHNICAL DATA</b>	: <b>0123601</b>
<b>Remarks</b>	: <b>Silicone wire suitable for voltage rating up to 10 kV.</b>
Dimension	: 1.5
Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Rubber (silicone)
Screen	: No
Core colour	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 7.6mm
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U <sub>0</sub>	: 10000V
Nominal voltage U	: 10000V

## Single core cable Tempflex SIFF



**Application** : Flexible halogen free silicone wire for high temperature applications

**TECHNICAL DATA** : 0121006

**Remarks** : Type SIFF is extra flexible, the 4 mm<sup>2</sup> is constructed with 1036 x 0,07 mm tinned copper litzes

Dimension	: 4
Conductor material	: Cu, tinned
Conductor category	: Class 6 = very flexible
Core insulation	: Rubber (silicone)
Screen	: No
Core colour	: Several
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 4.7mm
Permitted cable outer temperature, fixed	: -50°C to 180°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

## Single core cable Tempflex PTFE



**Application** : Flexible wire with Teflon insulation for high temperatures.

**TECHNICAL DATA** : TYPE PTFE

Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: PTFE
Screen	: No
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -190°C to 260°C
Nominal voltage U <sub>0</sub>	: 600V
Nominal voltage U	: 600V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0130951	0.5	Transparent	1.24
0130502	1	Green/yellow	1.88
0130501	1	Grey	1.88
0130603	1.5	Transparent	2.24
0130703	2.5	Black	2.65
0130702	2.5	Green/yellow	2.65
0130701	2.5	Transparent	2.65

## Single core cable Tempflex NVS



<b>Application</b>	: Flexible nickel cores with silicone-impregnated glass lappings. Wiring of heating elements, cartridges, bands and hot plates. Furnaces and industrial ovens, domestic electrical heating appliances.
<b>TECHNICAL DATA</b>	: <b>TYPE NVS</b>
Standards	: VERITAS certificate BV 153552, DIN 17753, DIN 17740, ASTM B160.
<b>Remarks</b>	: <b>Good resistance to thermal shock, ageing and usual chemical atmospheres.</b>
Conductor category	: Class 5 = flexible
Core insulation	: Rubber (silicone)
Screen	: No
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, fixed	: -60°C to 350°C
Nominal voltage U <sub>0</sub>	: 300V
Nominal voltage U	: 500V

ProductNr	Dimension	Core colour	Outer diameter approx. (mm)
0130000	0.5	White	2.1
0130011	1	Blue	2.5
0130001	1	Brown	2.5
0130012	1	White	2.5
0130013	1.5	Black	2.8
0130015	1.5	Blue	2.8
0130002	1.5	Brown	2.8
0130017	1.5	Green/yellow	2.8
0130016	1.5	Red	2.8
0130014	1.5	White	2.8
0130007	2.5	Black	3.2
0130022	2.5	Blue	3.2
0130003	2.5	Brown	3.2
0130019	2.5	Red	3.2
0130018	4	Black	3.8
0130008	4	Blue	3.8
0130004	4	Brown	3.8
0130009	4	Green/yellow	3.8
0130005	6	Brown	4.8
0130006	10	Brown	6.8
0130020	16	Green/yellow	8.2

## Flexible cable Tempflex TEHGLP



**Application** : Flexible cable with Teflon insulation for high temperatures.

**TECHNICAL DATA** : TYPE TEHGLP

**Remarks** : Glass silk braiding and a galvanised steel wire braiding. The steel braid forms the outer jacket.

Conductor category : Class 5 = flexible  
 Conductor material : Cu, tinned  
 Core insulation : PTFE  
 Core identification : Colour  
 Protective conductor : Yes  
 Screen : Yes  
 Material outer sheath : Other  
 Colour outer sheath : Other  
 Model : Round  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : No  
 Low smoke (acc. EN 61034-2) : No  
 Oil resistant (acc. EN 60811-404) : No  
 Max. conductor temperature : 286°C  
 Permitted cable outer temperature, fixed : -190°C to 260°C  
 Nominal voltage U : 250V

ProductNr	Dimension	Outer diameter approx. (mm)
0128403	3 x 0.75	5.1
0128603	3 x 1.5	6.1

## Signal-/telecommunications cable Jobsignal YY-ST 06



**Application** : Signal and control cable for use in intercom, telephone and security appliances.

**TECHNICAL DATA** : TYPE YY-ST 06

Standards : KEMA K 102-314

**Remarks** : Colour code according to NEN1597. Outer jacket PVCmb.

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, fixed	: -20°C to 70°C
Outdoor use permitted	: No



ProductNr	Dimension	Outer diameter approx. (mm)
0157204	2 x 2 x 0.6	6
0157205	2 x 2 x 0.6	6
0157206	3 x 2 x 0.6	7.1
0157208	4 x 2 x 0.6	7.5
0157216	8 x 2 x 0.6	8.8
0157220	10 x 2 x 0.6	9.4
0157232	16 x 2 x 0.6	11.5

## Signal-/telecommunications cable Jobsignal YY-ST



**Application** : Signal and control cable for use in intercom, telephone and security appliances.

**TECHNICAL DATA** : TYPE YY-ST

Standards : KEMA K 102-314

**Remarks** : Colour code according to NEN1597. Outer jacket PVCmb.

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, fixed	: -20°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0158703	1 x 2 x 0.8	Blue	4.8
0158602	1 x 2 x 0.8	Grey	4.8
0158711	1 x 2 x 0.8	Grey	4.8
0158702	1 x 2 x 0.8	Red	4.8
0158705	2 x 2 x 0.8	Blue	6.8
0158604	2 x 2 x 0.8	Grey	6.8
0158704	2 x 2 x 0.8	Red	6.8
0158606	3 x 2 x 0.8	Grey	7.3
0158709	4 x 2 x 0.8	Blue	7.8
0158608	4 x 2 x 0.8	Grey	7.8
0158708	4 x 2 x 0.8	Red	7.8
0158610	5 x 2 x 0.8	Grey	8.8
0158612	6 x 2 x 0.8	Grey	9.2
0158616	8 x 2 x 0.8	Grey	10.1
0158624	12 x 2 x 0.8	Grey	11.8
0158630	15 x 2 x 0.8	Grey	13.6

## Signal-/telecommunications cable Jobsignal YY-Z-ST



<b>Application</b>	: Signal and control cable for use in intercom, telephone and security appliances. Type YY-Z-ST is suitable for direct burial.
<b>TECHNICAL DATA</b>	: TYPE YY-Z-ST
Standards	: KEMA K102-315.
<b>Remarks</b>	: Overall aluminium foil, a tinned drain wire (0.8 mm) underneath. Galvanized steel wire braiding (80% coverage) between inner (PVCmb) and outer jacket.
Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil + braiding
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, fixed	: -20°C to 70°C
Outdoor use permitted	: Yes

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0159102	1 x 2 x 0.8	Green	8.6
0158902	1 x 2 x 0.8	Grey	8.6
0159104	2 x 2 x 0.8	Green	10.6
0158904	2 x 2 x 0.8	Grey	10.6
0158992	2 x 2 x 0.8	Red	10.6
0159106	3 x 2 x 0.8	Green	11
0158906	3 x 2 x 0.8	Grey	11
0159108	4 x 2 x 0.8	Green	11.6
0158908	4 x 2 x 0.8	Grey	11.6
0158910	5 x 2 x 0.8	Grey	12.6
0159112	6 x 2 x 0.8	Green	13
0158912	6 x 2 x 0.8	Grey	13
0159116	8 x 2 x 0.8	Green	14.5
0159124	12 x 2 x 0.8	Green	15.7
0158924	12 x 2 x 0.8	Grey	15.7
0159388	24 x 2 x 0.8	Green	21.4

## Signal-/telecommunications cable Jobsignal HH-ST mbzh



**Application** : Signal and control cable for use in intercom, telephone and security appliances.  
Halogen free and low smoke.

**TECHNICAL DATA** : TYPE HH-ST mbzh

Standards : K165-5.

**Remarks** : Colour code according to NEN1597.

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Polyolefin
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Circuit integrity	: No
Permitted cable outer temperature, fixed	: -20°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0155002	1 x 2 x 0.8	Grey	5
0155022	1 x 2 x 0.8	Red	5
0155024	1 x 2 x 1	Red	5.7
0155025	1 x 2 x 1.5	Red	6.4
0155004	2 x 2 x 0.8	Grey	7
0155021	4 x 1 x 0.8	Red	6.5
0155006	3 x 2 x 0.8	Grey	7.9
0155009	4 x 2 x 0.8	Grey	7.7
0155008	4 x 2 x 0.8	Grey	8.6
0155016	8 x 2 x 0.8	Grey	10.3

## Signal-/telecommunications cable Jobsignal WDKmb



**Application** : **Multicore signal cable with solid cores.**

**TECHNICAL DATA** : **0162314**

**Remarks** : **Colour code according to NEN1597.**

Dimension	: 20x0.8
Number of stranding elements	: 0
Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: PVC
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: None
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Red
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Outer diameter approx.	: 9.5mm
Permitted cable outer temperature, fixed	: -20°C to 70°C
Outdoor use permitted	: No



## Signal-/telecommunications cable Jobsignal WDKmbzh



**Application** : Halogen free multicore signal cable with solid cores.

**TECHNICAL DATA** : TYPE WDKmbzh

**Remarks** : Colour code according to NEN1597.

Number of stranding elements	: 0
Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: None
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Circuit integrity	: No
Permitted cable outer temperature, fixed	: -20°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0164305	2 x 0.8	Grey	4.5
0164405	2 x 0.8	Red	4.5
0164303	3 x 0.8	Grey	4.7
0164406	3 x 0.8	Red	4.7
0164307	4 x 0.8	Grey	5
0162306	4 x 0.8	Red	5
0164306	6 x 0.8	Grey	5.9
0164310	8 x 0.8	Grey	6.8
0164308	10 x 0.8	Grey	7.8
0164309	12 x 0.8	Grey	8
0164313	16 x 0.8	Grey	8.8
0164311	20 x 0.8	Grey	9.5
0164312	24 x 0.8	Grey	10.1

## Signal-/telecommunications cable ASCOM YY



**Application** : Fire alarm cable with a special construction for use in ASCOM (formerly NIRA) firealarm systems.

**TECHNICAL DATA** : TYPE YY

Standards : KEMA K102.

Conductor category : Class 1 = solid  
 Conductor material : Cu, bare  
 Stranding : Bundle  
 Stranding element : Pairs  
 Core insulation : PVC  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : None  
 Longitudinal water blocking : No  
 Radial water blocking : No  
 Protective sheath : No  
 Armouring : No  
 Material outer sheath : PVC  
 Colour outer sheath : Red  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : No  
 Circuit integrity : No  
 Permitted cable outer temperature, fixed : -20°C to 70°C  
 Outdoor use permitted : No

ProductNr	Dimension	Outer diameter approx. (mm)
0158896	1 x 2 x 1	5.3

ProductNr	Dimension	Outer diameter approx. (mm)
0158897	1 x 2 x 1.5	5.8

## Signal-/telecommunications cable ASCOM YY-ST



**Application** : Fire alarm cable with a special construction for use in ASCOM (formerly NIRA) firealarm systems.

**TECHNICAL DATA** : TYPE YY-ST

Standards : KEMA K102.

Conductor category : Class 1 = solid  
 Conductor material : Cu, bare  
 Stranding : Bundle  
 Stranding element : Pairs  
 Core insulation : PVC  
 Core identification : Colour  
 Screen over stranding element : None  
 Screen over stranding : Foil  
 Longitudinal water blocking : No  
 Radial water blocking : No  
 Protective sheath : No  
 Armouring : No  
 Material outer sheath : PVC  
 Colour outer sheath : Red  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : No  
 Circuit integrity : No  
 Permitted cable outer temperature, fixed : -20°C to 70°C  
 Outdoor use permitted : No

ProductNr	Dimension	Outer diameter approx. (mm)
0158898	1 x 2 x 1	6

ProductNr	Dimension	Outer diameter approx. (mm)
0158899	1 x 2 x 1.5	6.1

## Data cable KNX-EIB Instabus LSHF



**Application** : Special bus cable for use in KNX/EIB systems. This cable can easily be installed next to a 220 Volt power supply cable. For communication purposes between various Instabus equipment.

**TECHNICAL DATA** : 0155104

Dimension	: 2x2x0.8
Stranding element	: Pairs
Conductor material	: Cu, bare
Diameter conductor	: 0.8mm
Conductor category	: Class 1 = solid
Core insulation	: PE (polyethylene)
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Green
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: Yes
Outer diameter approx.	: 6.8mm
Permitted cable outer temperature, fixed	: -40°C to 70°C
Number of stranding elements	: 2

## Signal-/telecommunications cable Alarm HHMB-ST



**Application** : Special, halogen free combi cable for use in alarm and security systems.

**TECHNICAL DATA** : TYPE HHMB-ST

	: 0.22mm <sup>2</sup>
Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Bundle
Stranding element	: Pairs
Core insulation	: PE (polyethylene)
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Polyolefin
Colour outer sheath	: White
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Outdoor use permitted	: No

ProductNr	Dimension		Outer diameter approx. (mm)
0155174	2 x 0.5+4 x 0.22	4	5.7
0155176	2 x 0.5+6 x 0.22	6	6
0155178	2 x 0.5+8 x 0.22	8	6.6



## Signal-/telecommunications cable Jobcom ATEX RE-2X(ST)Yv-fl



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations. Especially suited for ATEX EX-d applications. The cable passes the restricted breathing test in Annex E.1.

**TECHNICAL DATA** : TYPE RE-2X(ST)Yv-fl

**Standards** : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.). UV resistant acc. to UL1581, s.1200. Oil resistant acc. to ICEA S-73-532.

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -25°C to 70°C
Outdoor use permitted	: Yes

ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0190033	1 x 2 x 1.3	Pairs	Black	8.5
0190041	1 x 2 x 1.3	Pairs	Blue	8.5
0190050	1 x 3 x 1.3	Triple	Black	8.9
0190051	1 x 3 x 1.3	Triple	Blue	8.9
0190034	2 x 2 x 1.3	Pairs	Black	11.7
0190042	2 x 2 x 1.3	Pairs	Blue	11.7
0190035	4 x 2 x 1.3	Pairs	Black	13.1
0190043	4 x 2 x 1.3	Pairs	Blue	13.1
0190038	16 x 2 x 1.3	Pairs	Black	22.6
0190046	16 x 2 x 1.3	Pairs	Blue	22.6

## Signal-/telecommunications cable Jobcom ATEX RE-2X(ST)YSWBY-fl



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations. Especially suited for ATEX EX-d applications. The cable passes the restricted breathing test in Annex E.1.

**TECHNICAL DATA** : TYPE RE-2X(ST)YSWBY-fl

**Standards** : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.). UV resistant acc. to UL1581, s.1200. Oil resistant acc. to ICEA S-73-532.

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: Foil + braiding
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: Yes

ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0191050	1 x 3 x 1.3	Triple	Black	10.9
0191051	1 x 3 x 1.3	Triple	Blue	10.9
0191034	2 x 2 x 1.3	Pairs	Black	14.1
0191042	2 x 2 x 1.3	Pairs	Blue	14.1
0191035	4 x 2 x 1.3	Pairs	Black	16.2
0191043	4 x 2 x 1.3	Pairs	Blue	16.2

## Signal-/telecommunications cable Inducom JPV-AF



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations.

**TECHNICAL DATA** : TYPE JPV-AF

Standards : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.).

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0199021	1 x 2 x 0.5	Pairs	Black	5.6
0199001	1 x 2 x 0.5	Pairs	Blue	5.6
0199261	1 x 2 x 0.75	Pairs	Black	6
0199248	1 x 2 x 0.75	Pairs	Blue	6
0199509	1 x 2 x 1.3	Pairs	Black	6.9
0199497	1 x 2 x 1.3	Pairs	Blue	6.9
0199513	1 x 3 x 1.3	Triple	Black	7.3
0199525	1 x 3 x 1.3	Triple	Blue	7.3
0199022	2 x 2 x 0.5	Pairs	Black	7.8
0199002	2 x 2 x 0.5	Pairs	Blue	7.8
0199262	2 x 2 x 0.75	Pairs	Black	8.7
0199249	2 x 2 x 0.75	Pairs	Blue	8.7
0199511	2 x 2 x 1.3	Pairs	Black	10.4
0199498	2 x 2 x 1.3	Pairs	Blue	10.4
0199023	4 x 2 x 0.5	Pairs	Black	9.1
0199003	4 x 2 x 0.5	Pairs	Blue	9.1
0199263	4 x 2 x 0.75	Pairs	Black	9.9
0199250	4 x 2 x 0.75	Pairs	Blue	9.9
0199510	4 x 2 x 1.3	Pairs	Black	12.2
0199499	4 x 2 x 1.3	Pairs	Blue	12.2
0199025	8 x 2 x 0.5	Pairs	Black	11.6
0199005	8 x 2 x 0.5	Pairs	Blue	11.6
0199260	8 x 2 x 0.75	Pairs	Black	12.7
0199252	8 x 2 x 0.75	Pairs	Blue	12.7
0199512	8 x 2 x 1.3	Pairs	Black	15.6
0199501	8 x 2 x 1.3	Pairs	Blue	15.6
0199027	12 x 2 x 0.5	Pairs	Black	13.8
0199007	12 x 2 x 0.5	Pairs	Blue	13.8

ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0199267	12 x 2 x 0.75	Pairs	Black	16.3
0199251	12 x 2 x 0.75	Pairs	Blue	16.3
0199514	12 x 2 x 1.3	Pairs	Black	19.7
0199503	12 x 2 x 1.3	Pairs	Blue	19.7
0199253	16 x 2 x 0.5	Pairs	Black	15.5
0199254	16 x 2 x 0.5	Pairs	Blue	15.5
0199256	16 x 2 x 0.75	Pairs	Black	18.2
0199255	16 x 2 x 0.75	Pairs	Blue	18.2
0199516	16 x 2 x 1.3	Pairs	Black	22.1
0199030	24 x 2 x 0.5	Pairs	Black	18.5
0199010	24 x 2 x 0.5	Pairs	Blue	18.5
0199270	24 x 2 x 0.75	Pairs	Black	21.4
0199257	24 x 2 x 0.75	Pairs	Blue	21.4
0199517	24 x 2 x 1.3	Pairs	Black	26.2

## Signal-/telecommunications cable Inducom JPV-2AF



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations.

**TECHNICAL DATA** : TYPE JPV-2AF

Standards : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.).

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Stranding element	: Pairs
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: Foil
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: No



ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0199053	2 x 2 x 0.5	Black	9.1
0199042	2 x 2 x 0.5	Blue	9.1
0199301	2 x 2 x 0.75	Black	9.8
0199290	2 x 2 x 0.75	Blue	9.8
0199551	2 x 2 x 1.3	Black	11.8
0199539	2 x 2 x 1.3	Blue	11.8
0199054	4 x 2 x 0.5	Black	10.4
0199043	4 x 2 x 0.5	Blue	10.4
0199302	4 x 2 x 0.75	Black	11.5
0199291	4 x 2 x 0.75	Blue	11.5
0199554	4 x 2 x 1.3	Black	13.9
0199540	4 x 2 x 1.3	Blue	13.9
0199056	8 x 2 x 0.5	Black	13.3
0199045	8 x 2 x 0.5	Blue	13.3
0199304	8 x 2 x 0.75	Black	14.7
0199293	8 x 2 x 0.75	Blue	14.7
0199553	8 x 2 x 1.3	Black	17.8
0199542	8 x 2 x 1.3	Blue	17.8
0199058	12 x 2 x 0.5	Black	15.9
0199047	12 x 2 x 0.5	Blue	15.9
0199305	12 x 2 x 0.75	Black	18.5
0199295	12 x 2 x 0.75	Blue	18.5
0199555	12 x 2 x 1.3	Black	22.2
0199544	12 x 2 x 1.3	Blue	22.2
0199048	16 x 2 x 0.5	Blue	18.1
0199306	16 x 2 x 0.75	Black	20.8

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0199550	16 x 2 x 1.3	Black	25
0199061	24 x 2 x 0.5	Black	21.9
0199050	24 x 2 x 0.5	Blue	21.9
0199309	24 x 2 x 0.75	Black	24.5
0199298	24 x 2 x 0.75	Blue	24.5
0199558	24 x 2 x 1.3	Black	29.7
0199547	24 x 2 x 1.3	Blue	29.7

## Signal-/telecommunications cable Inducom JPPOV-AF



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations.

**TECHNICAL DATA** : TYPE JPPOV-AF

Standards : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.).

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: Yes

ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0199082	1 x 2 x 0.5	Pairs	Blue	9.3
0199351	1 x 2 x 0.75	Pairs	Black	9.7
0199331	1 x 2 x 0.75	Pairs	Blue	9.7
0199600	1 x 2 x 1.3	Pairs	Black	10.7
0199580	1 x 2 x 1.3	Pairs	Blue	10.7
0199611	1 x 3 x 1.3	Triple	Black	11
0199610	1 x 3 x 1.3	Triple	Blue	11
0199140	2 x 2 x 0.5	Pairs	Blue	11.7
0199352	2 x 2 x 0.75	Pairs	Black	12.6
0199332	2 x 2 x 0.75	Pairs	Blue	12.6
0199601	2 x 2 x 1.3	Pairs	Black	14.3
0199581	2 x 2 x 1.3	Pairs	Blue	14.3
0199344	4 x 2 x 0.75	Pairs	Black	13.9
0199333	4 x 2 x 0.75	Pairs	Blue	13.9
0199602	4 x 2 x 1.3	Pairs	Black	16.3
0199582	4 x 2 x 1.3	Pairs	Blue	16.3
0199343	8 x 2 x 0.75	Pairs	Black	16.8
0199335	8 x 2 x 0.75	Pairs	Blue	16.8
0199604	8 x 2 x 1.3	Pairs	Black	20
0199584	8 x 2 x 1.3	Pairs	Blue	20
0199346	12 x 2 x 0.75	Pairs	Black	19.5
0199337	12 x 2 x 0.75	Pairs	Blue	19.5
0199606	12 x 2 x 1.3	Pairs	Black	23.3
0199586	12 x 2 x 1.3	Pairs	Blue	23.3
0199347	16 x 2 x 0.75	Pairs	Black	21.6
0199338	16 x 2 x 0.75	Pairs	Blue	21.6
0199616	16 x 2 x 1.3	Pairs	Black	26.3
0199588	16 x 2 x 1.3	Pairs	Blue	21.6

ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0199345	24 x 2 x 0.75	Pairs	Black	15.1
0199353	24 x 2 x 0.75	Pairs	Blue	25.1
0199350	24 x 2 x 1.3	Pairs	Black	31.1

## Signal-/telecommunications cable Inducom JPPOV-2AF



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations.

**TECHNICAL DATA** : TYPE JPPOV-2AF

**Standards** : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.).

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Stranding element	: Pairs
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: Foil
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: Yes

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0199385	2 x 2 x 0.75	Black	13.7
0199373	2 x 2 x 0.75	Blue	13.7
0199621	2 x 2 x 1.3	Black	16
0199622	2 x 2 x 1.3	Blue	16
0199380	4 x 2 x 0.75	Black	15.6
0199637	4 x 2 x 1.3	Black	18.1
0199623	4 x 2 x 1.3	Blue	18.1
0199143	8 x 2 x 0.75	Black	18.8
0199376	8 x 2 x 0.75	Blue	18.8
0199634	8 x 2 x 1.3	Black	22.2
0199625	8 x 2 x 1.3	Blue	22.2
0199146	12 x 2 x 0.75	Black	21.9
0199378	12 x 2 x 0.75	Blue	21.9
0199641	12 x 2 x 1.3	Black	26.4
0199627	12 x 2 x 1.3	Blue	26.4
0199779	16 x 2 x 0.75	Black	24.5
0199643	2 x 24 x 0.75	Blue	29.1
0199640	24 x 2 x 0.75	Black	29.1
0199642	24 x 2 x 1.3	Black	35.1
0199630	24 x 2 x 1.3	Blue	35.1

## Signal-/telecommunications cable Inducom JPPDV-AF



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations.

**TECHNICAL DATA** : TYPE JPPDV-AF

Standards : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.).

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: None
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: Yes



ProductNr	Dimension	Stranding element	Colour outer sheath	Outer diameter approx. (mm)
0199413	1 x 2 x 0.75	Pairs	Black	10.5
0199414	1 x 2 x 0.75	Pairs	Blue	10.5
0199676	1 x 2 x 1.3	Pairs	Black	11.4
0199662	1 x 2 x 1.3	Pairs	Blue	11.4
0199677	1 x 3 x 1.3	Triple	Black	12
0199428	2 x 2 x 0.75	Pairs	Black	13.4
0199415	2 x 2 x 0.75	Pairs	Blue	13.4
0199678	2 x 2 x 1.3	Pairs	Black	15.1
0199664	2 x 2 x 1.3	Pairs	Blue	15.1
0199679	4 x 2 x 1.3	Pairs	Black	17.1
0199665	4 x 2 x 1.3	Pairs	Blue	17.1
0199429	8 x 2 x 0.75	Pairs	Black	17.6
0199418	8 x 2 x 0.75	Pairs	Blue	17.6
0199687	8 x 2 x 1.3	Pairs	Black	21.4
0199667	8 x 2 x 1.3	Pairs	Blue	21.4
0199421	12 x 2 x 0.75	Pairs	Black	20.9
0199422	12 x 2 x 0.75	Pairs	Blue	20.9
0199689	12 x 2 x 1.3	Pairs	Black	24.7
0199688	12 x 2 x 1.3	Pairs	Blue	24.7
0199690	16 x 2 x 1.3	Pairs	Black	26.4
0199691	16 x 2 x 1.3	Pairs	Blue	26.4
0199450	24 x 2 x 0.75	Pairs	Black	26.8
0199692	24 x 2 x 1.3	Pairs	Black	31.2
0199672	24 x 2 x 1.3	Pairs	Blue	31.2

## Signal-/telecommunications cable Inducom JPPDV-2AF



**Application** : Instrumentation cable for signalling and control applications in low-voltage installations.

**TECHNICAL DATA** : TYPE JPPDV-2AF

Standards : NEN-EN 50288-7

**Remarks** : According to NEN standard: without communication core. Cores white and black in pairs. Numbered per pair (white 1, black 1 etc.).

Conductor category	: Class 2 = stranded
Conductor material	: Cu, bare
Stranding	: Layers
Stranding element	: Pairs
Core insulation	: XLPE (VPE)
Core identification	: Numbers
Screen over stranding element	: Foil
Screen over stranding	: Foil
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: PVC
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: -5°C to 50°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Outdoor use permitted	: Yes

ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0199467	2 x 2 x 0.75	Black	14.5
0199456	2 x 2 x 0.75	Blue	14.5
0199704	2 x 2 x 1.3	Black	16.7
0199705	2 x 2 x 1.3	Blue	16.7
0199457	4 x 2 x 0.75	Blue	16.4
0199707	4 x 2 x 1.3	Black	18.8
0199706	4 x 2 x 1.3	Blue	18.8
0199470	8 x 2 x 0.75	Black	19.8
0199459	8 x 2 x 0.75	Blue	19.8
0199719	8 x 2 x 1.3	Black	21.4
0199721	8 x 2 x 1.3	Blue	21.4
0199471	12 x 2 x 0.75	Black	23.5
0199461	12 x 2 x 0.75	Blue	23.5
0199720	12 x 2 x 1.3	Black	24.7
0199710	12 x 2 x 1.3	Blue	24.7
0199462	16 x 2 x 0.75	Black	26
0199725	16 x 2 x 1.3	Black	26.4
0199465	24 x 2 x 0.75	Black	29.2
0199464	24 x 2 x 0.75	Blue	29.2
0199730	24 x 2 x 1.3	Black	35.2
0199713	24 x 2 x 1.3	Blue	35.2

## Signal-/telecommunications cable PTT Norm N45 MBZH



**Application** : Halogen free signal and control cable for telecom purposes for indoor use.

**TECHNICAL DATA** : TYPE N45 MBZH

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Layers
Stranding element	: Pairs
Core insulation	: PE (polyethylene)
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: None
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: 0°C to 60°C
Permitted cable outer temperature, fixed	: -5°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0165310	10 x 2 x 0.5	8.5
0165320	20 x 2 x 0.5	10.5

## Signal-/telecommunications cable PTT Norm N88



**Application** : Signal and control cable for telecom purposes for indoor use. Also suitable for ISDN applications.

**TECHNICAL DATA** : TYPE N88

Standards : N88, K102.

**Remarks** : Deze kabel is ook verkrijgbaar in een halogeenvrije uitvoering. Informeert u bij onze verkoopmedewerkers naar de mogelijkheden.

Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Layers
Stranding element	: Quad
Core insulation	: PE (polyethylene)
Core identification	: Colour
Screen over stranding element	: None
Screen over stranding	: None
Longitudinal water blocking	: No
Radial water blocking	: No
Protective sheath	: No
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Permitted cable outer temperature, in movement	: 0°C to 60°C
Permitted cable outer temperature, fixed	: -5°C to 70°C
Outdoor use permitted	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0166101	1 x 4 x 0.5	4.4
0166105	5 x 4 x 0.5	9.3
0166110	10 x 4 x 0.5	12.4
0166115	15 x 4 x 0.5	14.1
0166130	30 x 4 x 0.5	19.3
0166150	50 x 4 x 0.5	23.6

## Signal-/telecommunications cable PTT Norm N92



**Application** : Signal and control cable for telecom purposes for indoor use. Also suitable for ISDN applications and direct burial.

**TECHNICAL DATA** : 0167701

Dimension	: 1x4x0.5
Conductor category	: Class 1 = solid
Conductor material	: Cu, bare
Stranding	: Layers
Stranding element	: Quad
Core insulation	: Other
Core identification	: Colour
Screen over stranding element	: Braiding
Screen over stranding	: Braiding
Longitudinal water blocking	: Yes
Radial water blocking	: Yes
Protective sheath	: No
Armouring	: Yes
Material outer sheath	: Other
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: No
Circuit integrity	: No
Outer diameter approx.	: 12.5mm
Permitted cable outer temperature, in movement	: 0°C to 60°C
Permitted cable outer temperature, fixed	: -5°C to 70°C
Outdoor use permitted	: Yes

## Data cable Dataflex ATEX Cat5e

**Application** : Data communication cable for use in ATEX applications

**TECHNICAL DATA** : 0100150

**Remarks** : Per pair shielded with foil with drain wire AWG24/19 underneath.  
 Each pair colour coded white and blue, each pair has a jacket in flame retardent PVC, grey with numberprinting.

Dimension : 4x2xAWG24  
 Stranding element : Pairs  
 Conductor material : Cu, tinned  
 Conductor category : Class 5 = flexible  
 Core insulation : Polypropylene  
 Core identification : Colour  
 Screen over stranding element : Foil  
 Screen over stranding : None  
 Material outer sheath : PVC  
 Colour outer sheath : Black  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : In accordance with EN 60332-1-2  
 Low smoke (acc. EN 61034-2) : No  
 Outer diameter approx. : 10.2mm  
 Permitted cable outer temperature, in movement : -5°C to 70°C  
 Permitted cable outer temperature, fixed : -5°C to 70°C  
 Category : 5E  
 Bending radius : 122mm  
 Number of stranding elements : 4



## Data cable Radox Marine\_TP



<b>Application</b>	: Highly flexible, light weight cable for marine and offshore applications. Halogen free, flame retardant (bunchtest), resistant to weather, diesel oil, mud and hydrolyses. DNV approved.
<b>TECHNICAL DATA</b>	: TYPE Marine_TP
Standards	: DNV 827.11, IEC 60092-350, NEK TS 606, ABS 15-GD1369103-PDA
<b>Remarks</b>	: Extremely flexible, suitable for moving cable carriers and drag chains. Suitable for Uo/U 600/1000 V.
Stranding element	: Pairs
Conductor material	: Cu, tinned
Conductor category	: Class 5 = flexible
Core insulation	: Copolymer, cross-linked
Core identification	: Colour
Screen over stranding element	: Foil
Screen over stranding	: Braiding
Material outer sheath	: Copolymer, cross-linked
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 125°C
Permitted cable outer temperature, fixed	: -50°C to 125°C
No. bending cycles	: 1000000

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)	Number of stranding elements
2171310	5 x 2 x 0.5	9.8	49	5
2171402	1 x 2 x 0.75	6.3	31	1
2171404	2 x 2 x 0.75	9.5	47	2
2171408	4 x 2 x 0.75	10.5	52	4
2171602	1 x 2 x 1.5	7.1	35	1
2171702	1 x 2 x 2.5	8.3	41	1

## Control cable Radox Marine\_MC



<b>Application</b>	: Highly flexible, light weight cable for marine and offshore applications. Halogen free, flame retardant (bunchtest), resistant to weather, dieseloil, mud and hydrolises. DNV approved.
<b>TECHNICAL DATA</b>	: <b>TYPE Marine_MC</b>
Standards	: DNV 827.11, IEC 60092-350, NEK TS 606, ABS 15-GD1369103-PDA
<b>Remarks</b>	: <b>Extremely flexible, suitable for moving cable carriers and drag chains. Suitable for Uo/U 600/1000 V.</b>
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Copolymer, cross-linked
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: Braiding
Material outer sheath	: Copolymer, cross-linked
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24
Low smoke (acc. EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: Yes
Oil resistant (acc. EN 60811-404)	: Yes
Permitted cable outer temperature, in movement	: -40°C to 125°C
Permitted cable outer temperature, fixed	: -50°C to 125°C
Nominal voltage U	: 600V
No. bending cycli	: 1000000
Core protecton	: No

Outer diameter  
approx.

Bending radius

ProductNr	Dimension	(mm)	(mm)
2170603	3 x 1.5	7.5	37
2170604	4 x 1.5	8.1	40
2170607	7 x 1.5	10.1	50
2170704	4 x 2.5	9.4	47

## Flexible cable Care-Flex Flex



**Application** : Cable for transportable equipment in hospital operating rooms when a visible earth wire is required, parallel to the control cable. According to NEN 1010:2015.

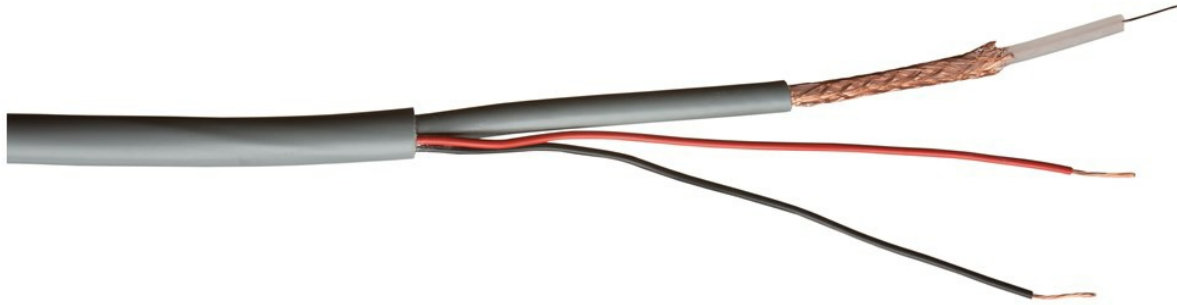
**TECHNICAL DATA** : TYPE Flex

**Remarks** : Special twin design for easy installation. Three cores flexible class 5, 1 core flexible class 6.

	: 1
Conductor category	: Class 6 = very flexible
Conductor material	: Cu, bare
Core insulation	: PVC
Core identification	: Colour
Protective conductor	: Yes
Screen	: No
Material outer sheath	: PVC
Model	: Flat
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 0mm
Max. conductor temperature	: 70°C
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C

ProductNr	Dimension	Colour outer sheath	Cable width approx. (mm)	Cable height approx. (mm)	Nominal voltage U (V)
0105970	3 x 0.75+1 x 2.5	Black	13.2	5.2	300
0105971	3 x 0.75+1 x 2.5	White	13.2	5.2	300
0105980	3 x 1+1 x 6	Black	16.2	6.8	500
0105981	3 x 1+1 x 6	White	16.2	6.8	500
0105990	3 x 2.5+1 x 6	Black	16.2	6.8	500
0105991	3 x 2.5+1 x 6	White	16.2	6.8	500

## Control cable Camerakabel CAM-ZX



<b>Application</b>	: Halogen free flexible combi cable for use in security systems, such as camera surveillance systems.
<b>TECHNICAL DATA</b>	: 0100106
<b>Remarks</b>	: 2 solid power supply cores + 1 coax 75 Ohm type RG59 solid.
Dimension	: 2x0.5
Conductor category	: Class 1 = solid
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: Polyolefin
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 9mm
Permitted cable outer temperature, fixed	: -25°C to 70°C
Nominal voltage U	: 250V
Bending radius	: 135mm
Core protecton	: No

## Control cable Camerakabel CAM-CC



**Application** : Flexible combi cable for use in security systems, such as camera surveillance systems.

**TECHNICAL DATA** : TYPE CAM-CC

**Remarks** : 2 flexible cores + 1 x coax 75 Ohm

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
-----------	-----------	-----------------------------------	------------------------



ProductNr	Dimension	Outer diameter approx. (mm)	Bending radius (mm)
0100112	2 x 0.75	11	165
0100113	3 x 0.75	11.1	167
0100114	4 x 0.75	11.6	174

## Control cable Camerakabel CAM-CC-SWB



**Application** : Flexible combi cable for use in security systems, such as camera surveillance systems. Suitable for direct burial.

**TECHNICAL DATA** : 0100314

**Remarks** : 4 flexible cores + 1 x coax 75 Ohm

Dimension	: 4x0.75
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 14.2mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Bending radius	: 192mm
Core protecton	: No

## Control cable Camerakabel CAM-CY



<b>Application</b>	: Flexible combi cable for use in security systems, such as camera surveillance systems. Shielded with tinned copper braiding.
<b>TECHNICAL DATA</b>	: <b>0100214</b>
<b>Remarks</b>	: <b>4 flexible cores + 1 x coax 75 Ohm</b>
Dimension	: 4x0.75
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, bare
Core insulation	: Copolymer, thermoplastic
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 12.1mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 70°C
Nominal voltage U	: 500V
Bending radius	: 182mm
Core protecton	: No

## Coaxial cable Jobcoax RG58 ZH



**Application** : Halogen free RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148019**

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 5mm
Diameter inner conductor	: 3.4mm
Inner conductor material	: Cu, tinned
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 2.9mm
Outer conductor material	: Cu, tinned
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG59



**Application** : **RG coax cable with solid core.**

**TECHNICAL DATA** : **0148007**

Characteristic impedance	: 75Ohm
Outer diameter approx.	: 6.2mm
Diameter inner conductor	: 0.6mm
Inner conductor material	: Cu, bare
Inner conductor category	: Class 1 = solid
Diameter outer conductor	: 3.7mm
Outer conductor material	: Cu, bare
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG59 ZH



**Application** : Halogen free RG coax cable with solid core.

**TECHNICAL DATA** : TYPE RG59 ZH

Characteristic impedance : 75Ohm  
 Outer diameter approx. : 6.2mm  
 Diameter inner conductor : 0.6mm  
 Inner conductor material : Cu, bare  
 Inner conductor category : Class 1 = solid  
 Diameter outer conductor : 3.7mm  
 Outer conductor material : Cu, bare  
 Type of outer conductor : Braiding  
 Dielectric : Solid PE  
 Armouring : No  
 Colour outer sheath : Black  
 Halogen free (acc. EN 60754-1/2) : Yes

ProductNr	Material outer sheath	Flame retardant
0148020	Copolymer, thermoplastic	In accordance with EN 60332-1-2
0148025	PE (polyethylene)	No

## Coaxial cable Jobcoax RG59-FLEX-ZH



**Application** : Halogen free RG coax cable with stranded core.

**TECHNICAL DATA** : **0148024**

Characteristic impedance	: 75Ohm
Outer diameter approx.	: 6.2mm
Diameter inner conductor	: 0.6mm
Inner conductor material	: Cu, bare
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 3.7mm
Outer conductor material	: Cu, bare
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG174



**Application** : RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148004**

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 2.8mm
Diameter inner conductor	: 1.2mm
Inner conductor material	: Cu, bare
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 1.5mm
Outer conductor material	: Cu, tinned
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2



## Coaxial cable Jobcoax RG174 ZH



**Application** : Halogen free RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148017**

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 2.8mm
Diameter inner conductor	: 1.2mm
Inner conductor material	: Cu, bare
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 1.5mm
Outer conductor material	: Cu, tinned
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG213 ZH



**Application** : Halogen free RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148016**

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 10.3mm
Diameter inner conductor	: 5.3mm
Inner conductor material	: Cu, bare
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 7.2mm
Outer conductor material	: Cu, bare
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG214 ZH



**Application** : Halogen free RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148015**

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 10.8mm
Diameter inner conductor	: 5.3mm
Inner conductor material	: CU, silver-plated
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 7.2mm
Outer conductor material	: CU, silver-plated
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG223



**Application** : RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : 0148014

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 5.4mm
Diameter inner conductor	: 0.9mm
Inner conductor material	: CU, silver-plated
Inner conductor category	: Class 1 = solid
Diameter outer conductor	: 2.9mm
Outer conductor material	: CU, silver-plated
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax RG223 ZH



**Application** : Halogen free RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148018**

Characteristic impedance	: 50Ohm
Outer diameter approx.	: 5.4mm
Diameter inner conductor	: 0.9mm
Inner conductor material	: CU, silver-plated
Inner conductor category	: Class 1 = solid
Diameter outer conductor	: 2.9mm
Outer conductor material	: CU, silver-plated
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-3-24

## Coaxial cable Jobcoax RG62 ZH



**Application** : Halogen free RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : 0148021

Characteristic impedance	: 93Ohm
Outer diameter approx.	: 6.2mm
Diameter inner conductor	: 0.64mm
Inner conductor material	: Cu, bare
Inner conductor category	: Class 1 = solid
Diameter outer conductor	: 3.7mm
Outer conductor material	: Cu, bare
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: No

## Coaxial cable Jobcoax RG11



**Application** : RG coax cable in various designs. Solid or stranded.

**TECHNICAL DATA** : **0148009**

Characteristic impedance	: 75Ohm
Outer diameter approx.	: 10.3mm
Diameter inner conductor	: 2.8mm
Inner conductor material	: Cu, tinned
Inner conductor category	: Class 5 = flexible
Diameter outer conductor	: 7.3mm
Outer conductor material	: Cu, bare
Type of outer conductor	: Braiding
Dielectric	: Solid PE
Armouring	: No
Material outer sheath	: PVC
Colour outer sheath	: Black
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: In accordance with EN 60332-1-2

## Coaxial cable Jobcoax Teflon



**Application** : Coaxial cable with teflon insulation and outer sheath for use in high temperature environment.

**TECHNICAL DATA** : TYPE Teflon

Diameter inner conductor : 0.7mm  
 Inner conductor material : CU, silver-plated  
 Inner conductor category : Class 5 = flexible  
 Outer conductor material : CU, silver-plated  
 Type of outer conductor : Braiding  
 Dielectric : Other  
 Armouring : No  
 Material outer sheath : Other  
 Colour outer sheath : Other  
 Halogen free (acc. EN 60754-1/2) : No  
 Flame retardant : No  
 Permitted cable outer temperature, fixed : -55°C to 200°C

ProductNr	Characteristic impedance (Ohm)	Outer diameter approx. (mm)	Diameter outer conductor (mm)
0148500	50	1.9	1.9
0148501	75	2.66	2.66



## Coaxial cable Jobcoax 12



**Application** : For use in CAI-network. Coax 12 is a drop cable and Coax 6 and 3 are trunk cables.

**TECHNICAL DATA** : TYPE 12

**Standards** : NEN-EN 50117.

Characteristic impedance : 75 Ohm  
 Diameter inner conductor : 0.7 mm  
 Inner conductor material : Cu, bare  
 Inner conductor category : Class 1 = solid  
 Diameter outer conductor : 4.8 mm  
 Outer conductor material : Cu, bare  
 Type of outer conductor : Braiding  
 Dielectric : Solid PE  
 Material outer sheath : PE (polyethylene)  
 Colour outer sheath : Green  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No

ProductNr	Outer diameter approx. (mm)	Armouring
0148600	6.8	No
0148610	11.4	Yes

## Coaxial cable Jobcoax 6



**Application** : For use in CAI-network. Coax 12 is a drop cable and Coax 6 and 3 are trunk cables.

**TECHNICAL DATA** : TYPE 6

**Standards** : NEN-EN 50117.

Characteristic impedance : 75 Ohm  
 Diameter inner conductor : 1.6 mm  
 Inner conductor material : Cu, bare  
 Inner conductor category : Class 1 = solid  
 Diameter outer conductor : 7.2 mm  
 Outer conductor material : Cu, bare  
 Type of outer conductor : Lap-screen  
 Dielectric : Hollow PE  
 Material outer sheath : PE (polyethylene)  
 Colour outer sheath : Green  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No

ProductNr	Outer diameter approx. (mm)	Armouring
0148630	10.5	No
0148640	16	Yes

## Coaxial cable Jobcoax 3



**Application** : For use in CAI-network. Coax 12 is a drop cable and Coax 6 and 3 are trunk cables.

**TECHNICAL DATA** : TYPE 3

**Standards** : NEN-EN 50117.

Characteristic impedance : 75 Ohm  
 Diameter inner conductor : 3.3 mm  
 Inner conductor material : Cu, bare  
 Inner conductor category : Class 1 = solid  
 Diameter outer conductor : 14 mm  
 Outer conductor material : Cu, bare  
 Type of outer conductor : Lap-screen  
 Dielectric : Hollow PE  
 Material outer sheath : PE (polyethylene)  
 Colour outer sheath : Green  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No

ProductNr	Outer diameter approx. (mm)	Armouring
0148650	18	No
0148660	22.9	Yes

## Coaxial cable Jobcoax 9



**Application** : For use in CAI-network. Coax 12 is a drop cable and Coax 6 and 3 are trunk cables.

**TECHNICAL DATA** : 0148628

**Standards** : NEN-EN 50117.

Characteristic impedance : 75 Ohm  
 Outer diameter approx. : 6.8 mm  
 Diameter inner conductor : 1.1 mm  
 Inner conductor material : Cu, bare  
 Inner conductor category : Class 1 = solid  
 Diameter outer conductor : 4.85 mm  
 Outer conductor material : Cu, bare  
 Type of outer conductor : Foil + braiding  
 Dielectric : Hollow PE  
 Armouring : No  
 Material outer sheath : PE (polyethylene)  
 Colour outer sheath : Green  
 Halogen free (acc. EN 60754-1/2) : Yes  
 Flame retardant : No

## Control cable Armaflex



**Application** : For flexible use in lighting fixtures. Available in standard version (Armaflex) or in a version with a steel wire (Armaflex-T) for strain relief (max. weight 80 kg).

**TECHNICAL DATA** : Armaflex

Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Other
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Transparent
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 80°C
Nominal voltage U	: 300V
Core protecton	: No

ProductNr	Dimension	Outer diameter approx. (mm)
0100199	3 x 0.75	6
0100200	3 x 0.75	6

ProductNr	Dimension	Outer diameter approx. (mm)
0100202	3 x 1.5	7
0100205	3 x 1.5	7.5

## Control cable Armaflex T



**Application** : For flexible use in lighting fixtures. This type has a steel wire for strain relief (max. weight 80 kg).

**TECHNICAL DATA** : **0100203**

Dimension	: 3x1.5
Conductor category	: Class 5 = flexible
Stranding element	: No
Conductor material	: Cu, tinned
Core insulation	: Other
Core identification	: Colour
Protective conductor	: No
Inner sheath	: No
Screen over stranding element	: None
Screen over stranding	: None
Material outer sheath	: PVC
Colour outer sheath	: Transparent
Halogen free (acc. EN 60754-1/2)	: No
Flame retardant	: No
Low smoke (acc. EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Oil resistant (acc. EN 60811-404)	: No
Outer diameter approx.	: 7mm
Permitted cable outer temperature, in movement	: -5°C to 70°C
Permitted cable outer temperature, fixed	: -30°C to 80°C
Nominal voltage U	: 300V
Core protecton	: No

## Data cable Profibus Solid



**Application** : Solid Profibus cable with UL approval. Violet=RAL4005.

**TECHNICAL DATA** : **0155099**

Standards : UL21694

Dimension : 1x2x0.64

Stranding element : Pairs

Conductor material : Cu, bare

Diameter conductor : 0.64mm

Conductor category : Class 1 = solid

Core insulation : Solid PE

Core identification : Colour

Screen over stranding element : None

Screen over stranding : Foil + braiding

Material outer sheath : PVC

Colour outer sheath : Other

Halogen free (acc. EN 60754-1/2) : No

Flame retardant : In accordance with EN 60332-3-24

Low smoke (acc. EN 61034-2) : No

Outer diameter approx. : 8mm

Permitted cable outer temperature, in movement : -40°C to 75°C

Permitted cable outer temperature, fixed : -40°C to 75°C

Number of stranding elements : 1



## Data cable Dataflex Cat



**Application** : Flexible shielded bus cable for TCP/IP -Fast Ethernet- cat. 7. Halogen free.

**TECHNICAL DATA** : 0159996

Dimension	: 4x2xAWG26
Stranding element	: Pairs
Conductor material	: Cu, bare
Conductor category	: Class 6 = very flexible
Core insulation	: Polyolefin
Core identification	: Colour
Screen over stranding element	: Foil
Screen over stranding	: Braiding
Material outer sheath	: Copolymer, thermoplastic
Colour outer sheath	: Green
Halogen free (acc. EN 60754-1/2)	: Yes
Flame retardant	: In accordance with EN 60332-1-2
Low smoke (acc. EN 61034-2)	: No
Outer diameter approx.	: 6.1mm
Permitted cable outer temperature, fixed	: -20°C to 65°C
Category	: 7
Number of stranding elements	: 4

## **Jobarco is more than just cables.**

We supply accessories as well. Cable glands, connectors and cable chains for example. Please contact our sales department for the various catalogues:

### **\*Hugro catalogue:**

glands, lock nuts and cabinets

### **\*Rups&Pro:**

cable chains and chain cables

### **\*Elpress:**

end terminals and crimping systems



- ADRES Verbreepark 15 NL-2731 BR Benthuisen • TELEFOON +31 79 331 93 13 • FAX +31 79 342 35 72
- E-MAIL [info@jobarco.com](mailto:info@jobarco.com) • INTERNET [www.jobarco.com](http://www.jobarco.com)
- BANK ABN AMRO Bank N.V. 50.32.83.169 • IBAN NL35ABNA0503283169 • BIC ABNANL2A
- BTW NL001714983B01 • KvK 28058530 • EORI NL001714983

