

Power cable < 1 kV, for flexible applications Kemaflex KVCC Dca



Application	: Flexible cable for use in industrial environments, machine manufacturing, process control systems. With KEMA and VDE approval.
TECHNICAL DATA	: TYPE KVCC Dca
Standards	: KEMA K176 EN 50525
Remarks	: Flame retardant, oil resistant.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: No
Screen over stranding element	: None
Screen	: No
Model	: Round
Screen over stranding	: None
Flame retardant	: In accordance with EN 60332-3-24
Material outer sheath	: Polyvinyl chloride (PVC)
Colour outer sheath	: Grey
Halogen free (acc. EN 60754-1/2)	: No
Oil resistant (acc. EN 60811-404)	: Yes
Low smoke (acc. BS EN 61034-2)	: No
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Smoke development class according to EN 13501-6	: s3
Permitted cable outer temperature during assembling/handling	: -5°C to 80°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 80°C
Max. conductor temperature	: 70°C
Euro class acidity according to EN 13501-6	: a3
Nominal voltage U ₀	: 300V
Core protecton	: No
Nominal voltage U	: 500V
Reaction-to-fire class according to EN 13501-6	: Dca
Euro class flaming droplets/particles according to EN 13501-6	: d0
Conductor surface	: Bare
	: No



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Shape of conductor

: Round

: Round



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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	16.3	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
0101407	7 x 0.75	Yes	10.1	121
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
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
0101602	2 x 1.5	No	7.6	91
0101603	3 x 1.5	Yes	8.3	97
0101604	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
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
0101636	36 x 1.5	Yes	25	300



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ProductNr	Dimension	Protective conductor	Outer diameter approx. (mm)	Bending radius (mm)
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	14.3	172
0101712	12 x 2.5	Yes	18.8	113
0101718	18 x 2.5	Yes	22.6	271