

Power cable < 1 kV, for flexible applications Kemaflex KVCY blauw Dca



Application : Flexible cable, copper braided with additional inner jacket. Protects against Electro Magnetic Interference. KEMA and VDE approved.

TECHNICAL DATA : TYPE KVCY blauw Dca

Standards : KEMA K176, EN 50525

Remarks : Flame retardant, oil resistant. CPR class Dca.

Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyvinyl chloride (PVC)
Core identification	: Numbers
Inner sheath	: Yes
Screen over stranding element	: None
Screen	: Yes
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: In accordance with EN 60332-3-24
Material outer sheath	: Polyvinyl chloride (PVC)
Colour outer sheath	: Blue
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 70°C
Permitted cable outer temperature after assembling without vibration	: -30°C to 70°C
Max. conductor temperature	: 70°C
Euro class acidity according to EN 13501-6	: a3
Nominal voltage U0	: 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)
0102026	2 x 0.75	No	8.6	103
0102027	3 x 0.75	Yes	9	108
0102028	4 x 0.75	Yes	9.8	118
0102031	7 x 0.75	Yes	12.5	150
0102034	12 x 0.75	Yes	15	180
0102051	2 x 1	No	9	108
0102052	3 x 1	Yes	9.6	115
0102053	4 x 1	Yes	10.3	124
0102076	2 x 1.5	No	10.5	122
0102077	3 x 1.5	Yes	10.5	122
0102078	4 x 1.5	Yes	11.4	137
0102102	3 x 2.5	Yes	12.4	149
0102103	4 x 2.5	Yes	13.8	166