

Power cable ≥ 1 kV, for fixed installations EMC flex ROZ1-K(AS) EMC Cca



Application	: Flexible power supply cable with aluminium foil and additional braiding. Halogen free version with CPR Cca
TECHNICAL DATA	: TYPE ROZ1-K(AS) EMC Cca
Standards	: CPR Cca
Remarks	: Aluminium-polyester foil, optical density approx. 100%, tinned drain wire longitudinally applied. Tinned wire braiding, optical density approx. 85%.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Shape of conductor	: Round
Core insulation material	: Crosslinked polyethylene (XLPE)
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen	: Yes
Drain wire	: Yes
Number of pilot/reduced cores	: 0
Nominal cross sectional area of pilot/reduced core	: 0mm ²
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. BS EN 61034-2)	: Yes
Insulation integrity	: No
Circuit integrity	: No
Permitted cable outer temperature during assembling/handling	: -40°C to 90°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 90°C
Nominal voltage U ₀	: 0.6kV
Nominal voltage U	: 1kV
Reaction-to-fire class according to EN 13501-6	: Cca
Smoke development class according to EN 13501-6	: s1a



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Euro class flaming droplets/particles according to EN 13501-6	: d1
Euro class acidity according to EN 13501-6	: a1
Conductor surface	: Bare
	: Yes
Laminated sheath	: No
Fibre optic elements	: No
	: Round
Longitudinal water blocking conductors	: No
Longitudinal water blocking screen	: No
Halogen free (acc. IEC 60754-2)	: Yes
Low smoke (acc. IEC 61034-2)	: Yes
Oil resistant (acc. IEC 60811-404)	: No
	: Yes
	: No
	: No
	: No
	: No



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ProductNr	Dimension	Outer diameter approx. (mm)
0100605	4 x 1.5	10.4
0100703	4 x 2.5	11.3
0100704	4 x 4	12.4
0100714	3 x 6	13.9
0100804	4 x 6	14
0100814	3 x 10	15
0100904	4 x 10	17.2
0100914	3 x 16	17.2
0100924	3 x 25	21.4
0100934	3 x 35	24.1
0100944	3 x 50	28
0100604	3 x 70	28
0100942	3 x 95	36.1
0100941	3 x 120	34.6
0100939	3 x 150	45.2
0100943	3 x 185	50.4
0100940	3 x 240	56.6