

Power cable ≥ 1 kV, for fixed installations JobInstal YMZ1K Cca



TECHNICAL DATA

	: TYPE YMZ1K Cca
Conductor material	: Copper, bare
Shape of conductor	: Round
Core insulation material	: Crosslinked polyethylene (XLPE)
Core identification	: Colour
Protective conductor	: Yes
Inner sheath	: No
Screen	: No
Drain wire	: No
Lead 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. BS EN 61034-2)	: Yes
Circuit integrity	: No
Max. conductor temperature	: 90°C
Permitted cable outer temperature during assembling/handling	: -40°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°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	: s1
Euro class flaming droplets/particles according to EN 13501-6	: d1
Euro class acidity according to EN 13501-6	: a1
Conductor surface	: Bare
Specification core insulation	: Crosslinked polyethylene (XLPE)
	: Yes
Laminated sheath	: No
Fibre optic elements	: No
Specification material outer sheath	: Other
	: Round
Conductive coating	: No
Longitudinal water blocking conductors	: No
Longitudinal water blocking screen	: No
Halogen free (acc. IEC 60754-2)	: Yes
Low smoke (acc. IEC 61034-2)	: No



Insulation integrity in accordance with IEC 60331 : No
 Oil resistant (acc. IEC 60811-404) : No
 : Yes
 : No
 : No
 : No
 : No

ProductNr	Dimension	Conductor category	Outer diameter approx. (mm)	(Ohm/km)
0461604	4 x 1.5	Class 1 = solid	11.3	12.1
0461904	4 x 6	Class 2 = stranded	14.1	3.08
0461914	4 x 10	Class 2 = stranded	15.8	1.83
0461924	4 x 16	Class 2 = stranded	19.2	1.15
0461934	4 x 25	Class 2 = stranded	23.6	0.727