

Power cable

Power cable, XLPE insulated, copper conductor, flame retardant

YMz1K Cca

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Nominal cross section conductor	2.5	mm²
Conductor category	Class 1 = solid	
Shape of conductor	Round	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	

Characteristics	Properties	Unit
Specification material outer sheath	Other	
Colour outer sheath	Grey	
Conductive coating	No	
Longitudinal water blocking conductors	Yes	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Cca	
Reaction-to-fire according to EN 13501-6: Smoke production	s1	
Reaction-to-fire according to EN 13501-6: Flaming droplets/particles	d1	
Reaction-to-fire according to EN 13501-6: Acidity	a1	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	In accordance with IEC/EN 60332-3-24	
Low smoke (acc. EN 61034-2)	Yes	
Max. conductor temperature	90	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø
Core identification according to HD 308 S2	Yes	

Product				Packaging						
Number of cores	Core diameter (in mm)	Outer diameter ap prox. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Bruttogewicht pro Paletteinheit (in kg)	Height (in mm)	Outer diameter (in mm)	pallet unit (in m)	Net weight (in kg)
3	200	10.9	195.13	Ring	100	603.36	133	390	3,000	19
3	260	11	188.27	Drum	500	416.94	419	600	2,000	94
5	200	12.55	265.56	Ring	100	655.51	137	430	2,400	26
5	260	13	256.16	Drum	500	552.72	419	600	2,000	128