Waskönig + Walter

Power cable

YMz1K Cca

Power cable, XLPE insulated, copper conductor, flame retardant

0.6/1 kV



Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Nominal cross section conductor	2.5	mm^2
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	

Waskönig + Walter Kabel-Werk GmbH u. Co. KG
Ostermoorstraße 77, 26683 Saterland
Phone: +49 4498 88-0 | Fax: +49 4498 88-900
https://www.waskoenig.de

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	

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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

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