Power cable

NA2XY-J

Power cable, XLPE insulated, aluminium conductor

0.6/1 kV



According to VDE 0276 part 603.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Nominal cross section conductor	150	mm^2
Conductor category	Class 1 = solid	
Shape of conductor	Sector-shaped	
Number of cores	4	
Core identification according to HD 308 S2		
Core identification	Colour	
Laminated sheath		
Fibre optic elements		

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
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	
Cable geometry		
Conductive coating		
Longitudinal water blocking conductors		
Longitudinal water blocking screen		
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Outer diameter approx.	42	mm
Min. permitted bending radius, stationary application/permanent installation	504	mm
Weight	2,632.7	kg/km
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		

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Characteristics	Properties	Unit
Suitable as high-voltage cable		
Certified as airport lighting cable		
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø

Packing	Individual length (in m)	Net weight (in kg)
Ring, Drum	Cut length	2,633

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