

Power cable

NA2XS(F)2Y (3x) 10kV

Mittelspannungskabel, VPE-isoliert mit Al-Leiter, längswasserdichtem Schirm und PE-Mantel

6/10 kV



According to VDE 0276 part 620.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Shape of conductor	Round	
Number of cores	3	Stck
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Yes	
Outer semi-conducting layer	Yes	
Screen	Yes	
Concentric conductor	None	

Characteristics	Properties	Unit
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking screen	Yes	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-20 <=> 70	°C
Nominal voltage U ₀	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø
Core identification according to HD 308 S2		
Cable geometry		
Suitable as installation cable		
Certified for shipboard application		
Suitable as medium-voltage cable		
Suitable as high-voltage cable		
Certified as airport lighting cable		

Product						Packaging		
Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
150	Class 2 = stranded	No	1,035	67	3,253.35	Ring, Drum	Cut length	3,259
185	Class 2 = stranded	No	1,110	71	3,672.3	Ring, Drum	Cut length	3,672
240	Class 2 = stranded	No	1,170	76	4,263.9	Ring, Drum	Cut length	4,264
240	Class 1 = solid	Yes	1,125	73	4,155	Ring, Drum	Cut length	4,175
500	Class 2 = stranded	No		94	7,069.7	Ring, Drum	Cut length	7,070