

Power cable >= 1 kV, for permanent installation

YMeKrvslqwd 20kV

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

12/20 kV



Nach NEN-HD620 S2.

Characteristics	Properties	Unit
Conductor surface	Bare	
Shape of conductor	Round	
Number of cores	1	Stck
Insulation	XLPE (VPE)	
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Inner semi-conducting layer	Ja	
Outer semi-conducting layer	Ja	
Armouring	No	
Material outer sheath	Polyolefin	

Characteristics	Properties	Unit
Specification material outer sheath	Polyethylene (PE)	
Conductive coating	No	
Longitudinal water blocking screen	Ja	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	Ja	
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 U0	12	kV
Nominal voltage U	20	kV
max. short circuit temperature	250	°C
Protective conductor	No	
Screen	Ja	
Concentric conductor	Copper	
Nominal cross section concentric conductor	50	

Colour outer sheath	Conductor category	Conductor material	Longitudinal water blocking conductors	Metal number	Min. permitted bending radius, stationary application/permanent installation	Minimum bending radius	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Red	Class 1 = solid	Aluminium	Ja	Aluminium 435	432 mm	12 x Außen-Ø	150 mm²	36 mm	Cut length	1539 kg	Ring, drum
Red	Class 1 = solid	Aluminium	Ja	Aluminium 1827	624 mm	12 x Außen-Ø	630 mm²	54 mm	Cut length	3348 kg	Ring, drum
Red	Class 1 = solid	Aluminium	Ja	Aluminium 435	624 mm	15 x Außen-Ø	150 mm²	36 mm	Cut length	1382 kg	Ring, drum

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Red	Class 1 = solid	Aluminium	Ja	Aluminium 696	624 mm	15 x Außen-Ø	240 mm ²	39 mm	Cut length	1730 kg	Ring, drum
Red	Class 1 = solid	Aluminium	Ja	Aluminium 1827	624 mm	12 x Außen-Ø	630 mm ²	52 mm	Cut length	3066 kg	Ring, drum
Black	Class 2 = stranded	Copper	No	Copper 6608	624 mm	12 x Außen-Ø	630 mm ²	56 mm	Cut length	7480 kg	Ring, drum
Red	Class 1 = solid	Aluminium	Ja	Aluminium 1827	624 mm	12 x Außen-Ø	630 mm ²	53 mm	Cut length	3513 kg	Ring, drum
Red	Class 1 = solid	Aluminium	Ja	Aluminium 2320	624 mm	15 x Außen-Ø	800 mm ²	56 mm	Cut length	3685 kg	Ring, drum