

Power cable >= 1 kV, for permanent installation

N2XS(F)2Y 20kV

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

12/20 kV



According to VDE 0276 part 620.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	Stck
Insulation	XLPE (VPE)	
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Ja	

Characteristics	Properties	Unit
Outer semi-conducting layer	Ja	
Screen	Ja	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Conductive coating	No	
Longitudinal water blocking conductors	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	
Minimum bending radius	15	x Außen-Ø
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
Permitted cable outer temperature after assembling without vibration	-40 <=> 70	°C

Colour outer sheath	Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section concentric conductor	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Black	Copper 1094	510 mm		95 mm ²	34 mm	Cut length	1536 kg	Ring, drum
Black	Copper 662	450 mm		50 mm ²	30 mm	Cut length	1038 kg	Ring, drum

Colour outer sheath	Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section concentric conductor	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Black	Copper 854	480 mm		70 mm ²	32 mm	Cut length	1265 kg	Ring, drum
Black	Copper 1334	525 mm		120 mm ²	35 mm	Cut length	1781 kg	Ring, drum
Black	Copper 1723	525 mm		150 mm ²	37 mm	Cut length	2146 kg	Ring, drum
Black	Copper 2587	615 mm	25	240 mm ²	41 mm	Cut length	3056 kg	Ring, drum
Black	Copper 3163	645 mm	25	300 mm ²	43 mm	Cut length	3641 kg	Ring, drum
Red	Copper 1334	525 mm	25	120 mm ²	35 mm	Cut length	1779 kg	Ring, drum
Black	Copper 5194	735 mm	35	500 mm ²	49 mm	Cut length	5578 kg	Ring, drum
Black	Copper 4234	690 mm	35	400 mm ²	46 mm	Cut length	4541 kg	Ring, drum
Black	Copper 6442	690 mm	35	630 mm ²	53 mm	Cut length	7092 kg	Ring, drum
Black	Copper 518	690 mm	35	35 mm ²	29 mm	Cut length	904 kg	Ring, drum
Red	Copper 2059	690 mm	35	185 mm ²	38 mm	Cut length	2492 kg	Ring, drum