

Power cable ≥ 1 kV, for permanent installation

Power cable, XLPE insulated, copper conductor, polyethylene outersheath

N2X2Y-J

0.6/1 kV



According to VDE 0276 part 603.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Nominal cross section conductor	150	mm ²
Conductor category	Class 2 = stranded	
Shape of conductor	Sector-shaped	
Number of cores	4	Stck
Insulation	XLPE (VPE)	
Core identification	Colour	
Laminated sheath	No	

Characteristics	Properties	Unit
Fibre optic elements	No	
Protective conductor	Ja	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking screen	No	
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	
Outer diameter approx.	48	mm
Minimum bending radius	12	x Außen-Ø
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-20 <=> 70	°C
Permitted cable outer temperature after assembling without vibration	-20 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Metal number	Copper	5760

Individual length	Net weight	Packing
Cut length	6299 kg	Ring, drum