

**Power cable  $\geq 1$  kV, for permanent installation**

**N2XY-O**

Starkstromkabel, VPE-isoliert mit Cu-Leitern

0.6/1 kV



According to VDE 0276 part 603.

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	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	

Characteristics	Properties	Unit
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
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)	No	
Flame retardant	In accordance with EN 60332-1-2	
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	-5 <=> 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	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Copper 1440	315 mm	150 mm <sup>2</sup>	21 mm	Cut length	1509 kg	Ring, drum
Copper 2880	435 mm	300 mm <sup>2</sup>	29 mm	Cut length	2975 kg	Ring, drum
Copper 1776	435 mm	185 mm <sup>2</sup>	24 mm	Cut length	1854 kg	Ring, drum
Copper 2304	435 mm	185 mm <sup>2</sup>	26 mm	Cut length	2397 kg	Ring, drum