

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

**N2XS2Y (3x) 10kV**

Medium-voltage cable, XLPE insulated, copper conductor, polyethylene outersheath

6/10 kV



Nach VDE 0276 Teil 620. Zur festen Verlegung in Innenräumen, im Freien, in Erde und in Wasser.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	3	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	
Nominal cross section concentric conductor	25	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking conductors	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	
Minimum bending radius	15	x Außen-Ø
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	20 <=> 70	°C
Nominal voltage U <sub>0</sub>	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C

Metal number	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Copper 7761	240 mm <sup>2</sup>	78 mm	Cut length	8616 kg	Ring, drum
Copper 9489	300 mm <sup>2</sup>	83 mm	Cut length	10350 kg	Ring, drum

Metal number	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Copper 12702	400 mm <sup>2</sup>	89 mm	Cut length	13016 kg	Ring, drum