

Power cable

Power cable, XLPE insulated, copper conductor, PVC outersheath

N2XY-J

0.6/1 kV



according VDE 0276 part 603.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Shape of conductor	Round	
Number of cores	5	Stck
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	Yes	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	

Characteristics	Properties	Unit
Specification material outer sheath	Other	
Colour outer sheath	Black	
Conductive coating	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with IEC/EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	12	x Außen-Ø
Paletteinheit	2,000	m
Außendurchmesser	752	mm
Kerndurchmesser	315	mm
Höhe	419	mm
Bruttogewicht pro Paletteinheit	752.48	kg

Product					Packaging		
Nominal cross section conductor (in mm²)	Conductor category	Longitudinal water blocking conductors	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
4	Class 1 = solid	Yes	14	339.52	Drum	500	170
16	Class 2 = stranded	No	21	1,017.3	Ring, Drum	Cut length	1,017