

**Power cable**

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

**N2XS2Y 10kV**

6/10 kV



according 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
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	Yes	
Outer semi-conducting layer	Yes	
Screen	Yes	

Characteristics	Properties	Unit
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	No	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-20 <=> 70	°C
Nominal voltage U0	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø
Paletteinheit	500	m
Außendurchmesser	1,250	mm
Kerndurchmesser	630	mm
Höhe	890	mm
Bruttogewicht pro Paletteinheit	588.38	kg

Product					Packaging		
Nominal cross section conductor (in mm²)	Colour outer sheath	Min. permitted bending radius, stationary application/permanent installation (in mm)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
35	Black	375	25	761.28	Ring, Drum	Cut length	761
50	Black	390	26	888.76	Ring, Drum	Cut length	889
50	Black	390	26	888.76	Drum	500	444
70	Black	420	28	1,104.7	Ring, Drum	Cut length	1,105
95	Black	450	30	1,364.5	Ring, Drum	Cut length	1,365
120	Black	465	31	1,601.3	Ring, Drum	Cut length	1,601
150	Black	495	33	1,957.61	Ring, Drum	Cut length	1,958
185	Black	510	34	2,295.1	Ring, Drum	Cut length	2,295
240	Black	555	37	2,843.44	Ring, Drum	Cut length	2,843
240	Red	555	37	2,841.1	Ring, Drum	Cut length	2,841
300	Black	585	39	3,416	Ring, Drum	Cut length	3,416
400	Black	630	42	4,295.8	Ring, Drum	Cut length	4,296
400	Red		42	4,293.1	Ring, Drum	Cut length	4,293