

Power cable ≥ 1 kV, for permanent installation

N2XS2Y 10kV

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

6/10 kV



According to 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
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	
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 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 U0	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C
Paletteinheit	500	m
Bruttogewicht pro Paletteinheit	588,380	kg

Colour outer sheath	Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Black	Copper 518	375 mm	35 mm ²	25 mm	Cut length	761 kg	Ring, drum
Black	Copper 662	390 mm	50 mm ²	26 mm	Cut length	889 kg	Ring, drum

Colour outer sheath	Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Black	Copper 662	390 mm	50 mm ²	26 mm	500 m	889 kg	Drum
Black	Copper 854	420 mm	70 mm ²	28 mm	Cut length	1105 kg	Ring, drum
Black	Copper 1094	450 mm	95 mm ²	30 mm	Cut length	1365 kg	Ring, drum
Black	Copper 1334	465 mm	120 mm ²	31 mm	Cut length	1601 kg	Ring, drum
Black	Copper 1723	495 mm	150 mm ²	33 mm	Cut length	1958 kg	Ring, drum
Black	Copper 2059	510 mm	185 mm ²	34 mm	Cut length	2295 kg	Ring, drum
Black	Copper 2587	555 mm	240 mm ²	37 mm	Cut length	2843 kg	Ring, drum
Black	Copper 4234	630 mm	400 mm ²	42 mm	Cut length	4296 kg	Ring, drum
Red	Copper 2587	555 mm	240 mm ²	37 mm	Cut length	2841 kg	Ring, drum
Black	Copper 3163	585 mm	300 mm ²	39 mm	Cut length	3416 kg	Ring, drum
Red	Copper 4234	585 mm	400 mm ²	42 mm	Cut length	4293 kg	Ring, drum