

Power cable ≥ 1 kV, for permanent installation

NA2XH-O

Power cable, XLPE insulated, aluminium conductors, halogen free, flame retardant

0.6/1 kV



Based upon VDE 0276 part 604 and 627.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	Stck
Insulation	XLPE (VPE)	
Core identification	Colour	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	

Characteristics	Properties	Unit
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Black	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	In accordance with EN 60332-3-24	
Low smoke (acc. EN 61034-2)	No	
Minimum bending radius	15	x Außen-Ø
Min. permitted bending radius, stationary application/permanent installation	600	mm
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	-5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C

Metal number	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Aluminium 1827	630 mm ²	40 mm	Cut length	2332 kg	Ring, drum
Aluminium 870	300 mm ²	28 mm	Cut length	1132 kg	Ring, drum
Aluminium 1160	400 mm ²	32 mm	Cut length	1471 kg	Ring, drum
Aluminium 696	240 mm ²	25 mm	Cut length	932 kg	Ring, drum