

Power cable ≥ 1 kV, for permanent installation

NA2XY-J

Power cable, XLPE insulated, aluminium conductor

0.6/1 kV



According to VDE 0276 part 603.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Nominal cross section conductor	150	mm ²
Conductor category	Class 1 = solid	
Shape of conductor	Sector-shaped	
Number of cores	4	Stck
Insulation	XLPE (VPE)	
Core identification	Colour	
Protective conductor	Ja	

Characteristics	Properties	Unit
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Outer diameter approx.	42.7	mm
Minimum bending radius	12	x Außen-Ø
Min. permitted bending radius, stationary application/permanent installation	516	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	Aluminium	1740

Individual length	Net weight	Packing
Cut length	2722 kg	Ring, drum