

Power cable

Power cable, PVC insulated, aluminium conductor

NAYY-O

0.6/1 kV



According to VDE 0276 part 603. For fixed installation indoors, outdoors, in soil, in water and in concrete.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	Stck
Core identification according to HD 308 S2	Yes	
Core identification	Colour	
Laminated sheath	No	
Fibre optic elements	No	
Protective conductor	No	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	

Characteristics	Properties	Unit
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Black	
Conductive coating	No	
Reaction-to-fire according to EN 13501-6: Class	Eca	
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
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	160	°C
Insulation	PVC	
Minimum bending radius	15	x Außen-Ø
Min. permitted bending radius, stationary application/permanent installation	450	mm

Product			Packaging		
Nominal cross section conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
150	22	697.14	Ring, Drum	Cut length	697
185	24	852.29	Ring, Drum	Cut length	852
240	27	1,081.8	Ring, Drum	Cut length	1,082
300	30	1,312.2	Ring, Drum	Cut length	1,312