

Power cable

U-1000 AR2V

Power cable, XLPE insulated, aluminium conductor, PVC outersheath

0.6/1 kV



According to NFC 32-321.

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	

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	
Conductive coating	No	
Longitudinal water blocking screen	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	90	°C
Permitted cable outer temperature during assembling/handling	-15 <=> 70	°C
Nominal voltage U ₀	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø
Longitudinal water blocking conductors	No	

Product				Packaging		
Nominal cross section conductor (in mm ²)	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)
25	150	10	129.06	Ring, Drum	Cut length	129

Product				Packaging		
Nominal cross section conductor (in mm ²)	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	165	11	162.96	Ring, Drum	Cut length	163
70	225	15	275.52	Ring, Drum	Cut length	276
120	270	18	456.28	Ring, Drum	Cut length	456
185	330	22	683.76	Ring, Drum	Cut length	684
400		31	1,395.8	Ring, Drum	Cut length	1,396
500		35	1,747.3	Ring, Drum	Cut length	1,747