Waskönig + Walter

Power cable

A2XSY 20kV

Medium-voltage cable, XLPE insulated, aluminium conductor, PVC outersheath

12/20 kV

In Anlehnung an VDE0276-620. Zur festen Verlegung in Innenräumen, im Freien, in Erde und in Wasser.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	
Core identification	None	
Laminated sheath	No	
Fibre optic elements	No	
Inner semi-conducting layer	Yes	
Outer semi-conducting layer	Yes	
Armouring	No	
Material outer sheath	Polyvinyl chloride (PVC)	
Specification material outer sheath	Other	
Colour outer sheath	Red	
Conductive coating	No	
Longitudinal water blocking conductors	No	
Longitudinal water blocking screen	No	
Reaction-to-fire according to EN 13501-6: Class	Fca	
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	-5 <=> 70	°C

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Characteristics	Properties	Unit
Nominal voltage U0	12	kV
Nominal voltage U	20	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	15	x Außen-Ø

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)
95	33	1,185.8	Ring, Drum	Cut length	1,186
150	36	1,403.4	Ring, Drum	Cut length	1,403
240	40	1,779.9	Ring, Drum	Cut length	1,780
300	42	2,011.6	Ring, Drum	Cut length	2,012

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