

**Power cable >= 1 kV, for permanent installation**

**YMeKrvasdlwd 20kV**

Medium-voltage cable, XLPE insulated, copper or aluminium conductor longitudinally and radially watertight screen, polyethylene

12/20 kV

Nach HD620 10J.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Shape of conductor	Round	
Number of cores	1	Stck
Insulation	XLPE (VPE)	
Core identification	None	
Laminated sheath	Ja	
Fibre optic elements	No	
Inner semi-conducting layer	Ja	
Outer semi-conducting layer	Ja	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Red	
Conductive coating	No	
Longitudinal water blocking conductors	Ja	
Longitudinal water blocking screen	Ja	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	

Characteristics	Properties	Unit
Minimum bending radius	15	x Außen-Ø
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	70	°C
Nominal voltage U0	12	kV
Nominal voltage U	20	kV
max. short circuit temperature	250	°C

Metal number	Nominal cross section conductor	Outer diameter approx.	Individual length	Net weight	Packing
Aluminium 276	95 mm <sup>2</sup>	34 mm	Cut length	1078 kg	Ring, drum
Aluminium 2320	800 mm <sup>2</sup>	55 mm	Cut length	3869 kg	Ring, drum
Aluminium 1827	630 mm <sup>2</sup>	51 mm	Cut length	3295 kg	Ring, drum