Waskönig + Walter

Power cable

YMeKrvaslqwd 20kV

Mittelspannungskabel, VPE-isoliert mit Cu- oder Al-Leiter, längswasserdichtem Schirm und PE-Mantel

12/20 kV



according NEN-HD620 S2.

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

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Characteristics	Properties	Unit
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Conductive coating	No	
Longitudinal water blocking screen	Yes	
Reaction-to-fire according to EN 13501-6: Class	Fca	
Halogen free (acc. EN 60754-1/2)	Yes	
Flame retardant	No	
Low smoke (acc. EN 61034-2)	No	
Max. conductor temperature	90	°C
Permitted cable outer temperature during assembling/handling	20 <=> 70	°C
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 mm^2)	Colour outer sheath	Conductor category	Conductor material	Longitudinal water blocking conductors	Nominal cross section concentric conductor (in mm^2)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
25	Red	Class 2 = stranded	Copper	No	20	28	832.77	Ring, Drum	Cut length	832
240	Red	Class 1 = solid	Aluminium	Yes	25	41	1,741.6	Ring, Drum	Cut length	1,716
240	Red	Class 1 = solid	Aluminium	Yes		39	1,757.3	Ring, Drum	Cut length	1,730

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Status: 16.11.2026
Subject to technical alterations

Product								Packaging		
Nominal cross section conductor (in mm²)	Colour outer sheath	Conductor category	Conductor material	Longitudinal water blocking conductors	Nominal cross section concentric conductor (in mm²)	Outer diameter approx. (in mm)	Weight (in kg/km)	Packing	Individual length (in m)	Net weight (in kg)
630	Red	Class 1 = solid	Aluminium	Yes		51	3,035.6	Ring, Drum	Cut length	3,065
630	Black	Class 2 = stranded	Copper	No	50	54	7,444.5	Ring, Drum	Cut length	7,331
800	Red	Class 1 = solid	Aluminium	Yes		55	3,652.8	Ring, Drum	Cut length	3,651

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