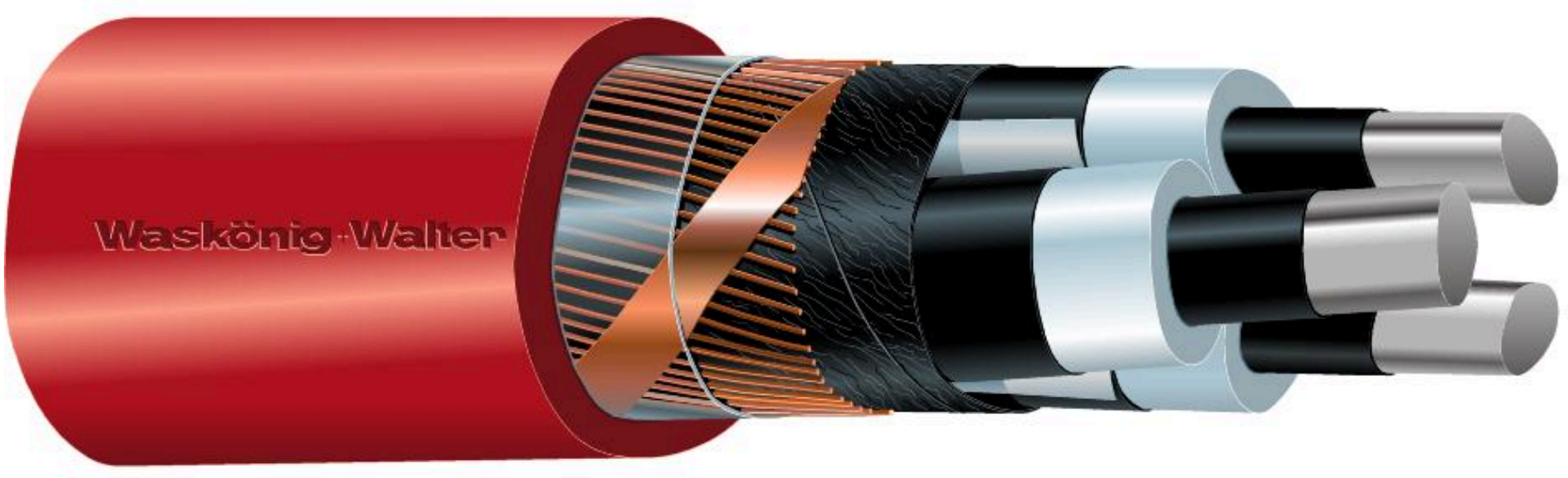
Waskönig + Walter

Power cable

PEX-S-AL 12kV

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

6/10 kV



According to HD 620 part 10D.

Characteristics	Properties	Unit
Conductor material	Aluminium	
Conductor surface	Bare	
Conductor category	Class 1 = solid	
Shape of conductor	Sector-shaped	
Number of cores	3	

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Characteristics	Properties	Unit
Core identification according to HD 308 S2	No	
Core identification	Numbers	
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	
Armouring	No	
Material outer sheath	Polyolefin	
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Red	
Conductive coating	No	
Longitudinal water blocking conductors	Yes	
Longitudinal water blocking screen	No	
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	6	kV
Nominal voltage U	10	kV
max. short circuit temperature	250	°C
Insulation	XLPE (VPE)	
Minimum bending radius	10	x Außen-Ø

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Characteristics	Properties	Unit
Nominal cross section concentric conductor	25	mm^2

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)
50	440	45	1,550.6	Ring, Drum	Cut length	1,549
95	500	50	2,194.9	Ring, Drum	Cut length	2,193
150	550	55	2,812.7	Ring, Drum	Cut length	2,810
240	620	62	3,937.6	Ring, Drum	Cut length	3,935

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