

Power cable

Installation cable, XLPE insulated

XMvK-N

450/750 V



According to KEMA K42-C 07-1,2,3.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor Diameter	1.5	mm
Conductor category	Class 1 = solid	
Number of cores	2	
Core insulation material	Polyolefin	
Core identification according to HD 308 S2	Yes	
Identification/coding colour core		
Core colour		
Protective conductor	No	
Max. conductor temperature	90	°C
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	Polyvinyl chloride (PVC)	
Colour outer sheath	Grey	
Reaction-to-fire according to EN 13501-6: Class	Eca	

Characteristics	Properties	Unit
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	
Outer diameter approx.	9	mm
Permitted cable outer temperature after assembling without vibration	-5 <=> 70	°C
Nominal voltage U0	450	V
Nominal voltage U	750	V
Shape of conductor	Round	
Suitable as installation cable	Yes	
Certified for shipboard application	No	
Suitable as medium-voltage cable	No	
Suitable as high-voltage cable	No	
Certified as airport lighting cable	No	
Minimum bending radius	12	x Außen-Ø
max. short circuit temperature	250	°C
Paletteinheit	6,000	m

Product				Packaging					
Nominal cross section conductor (in mm²)	Conductor resistance at 20 °C (in EU571143)	Kerndurchmesser (in mm)	Weight (in EU571166)	Packing	Individual length (in m)	Außendurchmesser (in mm)	Bruttogewicht pro Paletteinheit (in kg)	Höhe (in mm)	Net weight (in kg)
1.5	12.1		96.8	Ring	100		603.6		10
1.5	12.1	150	96.8	Drum	500	450	643.2	419	48
2.5	7.41		125.06	Ring, Drum	Cut length				125
2.5	7.41	200	125.06	Ring	100	390	773.16	89	13
2.5	7.41	150	125.06	Drum	500	450	812.76	419	63