

Power cable

Installation cable, XLPE insulated

XMvK-G

450/750 V



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

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor category	Class 1 = solid	
Core insulation material	Polyolefin	
Max. conductor temperature	90	°C
Protective conductor	Ja	
Screen	No	
Armouring/reinforcement	None	
Material outer sheath	Polyvinyl chloride (PVC)	
Colour outer sheath	Grey	
Reaction-to-fire class according to EN 13501-6	Eca	
Halogen free (acc. EN 60754-1/2)	No	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	

Characteristics	Properties	Unit
Permitted cable outer temperature during assembling/handling	70	°C
Permitted cable outer temperature after assembling without vibration	-5 <=> 70	°C
Nominal voltage U0	450	V
Nominal voltage U	750	V
Minimum bending radius	12	x Außen-Ø
max. short circuit temperature	250	°C

Bruttogewicht pro Paletteinheit	Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Paletteinheit	Individual length	Net weight	Packing
828,980 kg	Copper 43	1.5 mm ²	3	9 mm	7.200 m	100 m	112 kg	Ring
718,450 kg	Copper 58	1.5 mm ²	4	10 mm	5.000 m	500 m	132 kg	Drum
825,150 kg	Copper 72	1.5 mm ²	5	10 mm	5.000 m	500 m	153 kg	Drum
825,150 kg	Copper 72	2.5 mm ²	3	10 mm	5.000 m	Cut length	148 kg	Ring, drum
825,150 kg	Copper 96	2.5 mm ²	4	10 mm	5.000 m	Cut length	178 kg	Ring, drum
825,150 kg	Copper 120	2.5 mm ²	5	11 mm	5.000 m	Cut length	208 kg	Ring, drum
734,110 kg	Copper 72	2.5 mm ²	3	10 mm	4.800 m	100 m	148 kg	Ring
662,230 kg	Copper 96	2.5 mm ²	4	10 mm	3.600 m	100 m	178 kg	Ring
773,290 kg	Copper 120	2.5 mm ²	5	11 mm	3.600 m	100 m	208 kg	Ring
694,620 kg	Copper 43	1.5 mm ²	3	9 mm	6.000 m	500 m	112 kg	Drum
815,580 kg	Copper 58	1.5 mm ²	4	10 mm	6.000 m	100 m	132 kg	Ring
759,460 kg	Copper 72	1.5 mm ²	5	10 mm	4.800 m	100 m	153 kg	Ring
645,200 kg	Copper 72	2.5 mm ²	3	10 mm	4.200 m	50 m	148 kg	Ring
689,660 kg	Copper 72	2.5 mm ²	3	10 mm	4.500 m	250 m	148 kg	Drum
911,940 kg	Copper 72	2.5 mm ²	3	10 mm	6.000 m	500 m	148 kg	Drum
910,900 kg	Copper 96	2.5 mm ²	4	10 mm	5.000 m	500 m	178 kg	Drum
460,590 kg	Copper 120	2.5 mm ²	5	11 mm	2.100 m	50 m	208 kg	Ring

Bruttogewicht pro Paletteinheit	Metal number	Nominal cross section conductor	Number of cores	Outer diameter approx.	Paletteinheit	Individual length	Net weight	Packing
457,340 kg	Copper 120	2.5 mm ²	5	11 mm	2.000 m	500 m	208 kg	Drum
393,280 kg	Copper 72	2.5 mm ²	3	10 mm	2.500 m	20 m	148 kg	Ring
875,380 kg	Copper 96	2.5 mm ²	4	10 mm	4.800 m	100 m	178 kg	Ring