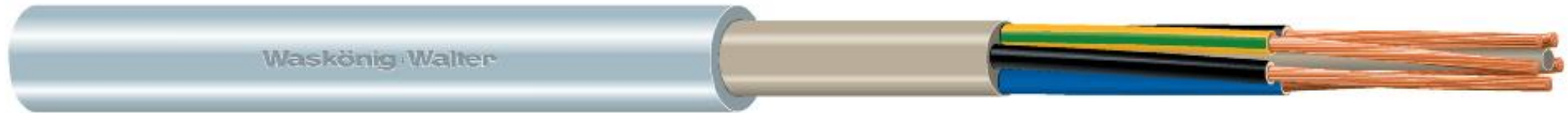


Power cable >= 1 kV, for permanent installation

CH-N1E7Z1-R FE 0

Installation cable, polypropylen insulated, halogen free, flame retardant

0.6/1 kV



In Anlehnung an TP20B/3C:97. Verlegung über, auf, im und unter Putz in trockenen, feuchten und nassen Räumen sowie im Mauerwerk und im Beton, ausgenommen für direkte Einbettung in Schüttel-, Rüttel- oder Stampfbeton. Auch für die Verwendung im Freien geeignet, sofern vor direkter Sonneneinstrahlung geschützt, jedoch nicht im Erdreich.

Characteristics	Properties	Unit
Conductor material	Copper	
Conductor surface	Bare	
Conductor category	Class 2 = stranded	
Shape of conductor	Round	
Number of cores	1	Stck
Insulation	Polypropylene	
Core identification	Colour	
Inner semi-conducting layer	No	
Outer semi-conducting layer	No	
Screen	No	
Concentric conductor	None	
Armouring	No	
Material outer sheath	Polyolefin	

Characteristics	Properties	Unit
Specification material outer sheath	Polyethylene (PE)	
Colour outer sheath	Grey	
Reaction-to-fire class according to EN 13501-6	Fca	
Halogen free (acc. EN 60754-1/2)	Ja	
Flame retardant	In accordance with EN 60332-1-2	
Low smoke (acc. EN 61034-2)	No	
Minimum bending radius	15	x Außen-Ø
Max. conductor temperature	70	°C
Permitted cable outer temperature during assembling/handling	5 <=> 70	°C
Nominal voltage U0	0.6	kV
Nominal voltage U	1	kV
max. short circuit temperature	160	°C

Metal number	Min. permitted bending radius, stationary application/permanent installation	Nominal cross section conductor	Outer diameter approx.	Protective conductor	Individual length	Net weight	Packing
Copper 1152	270 mm	120 mm ²	18 mm	Ja	Cut length	1144 kg	Ring, drum
Copper 1776	330 mm	185 mm ²	22 mm	Ja	Cut length	1746 kg	Ring, drum
Copper 2304	375 mm	240 mm ²	25 mm	Ja	Cut length	2289 kg	Ring, drum
Copper 480	180 mm	50 mm ²	12 mm	No	Cut length	468 kg	Ring, drum
Copper 672	210 mm	70 mm ²	14 mm	No	Cut length	670 kg	Ring, drum
Copper 1776	330 mm	185 mm ²	22 mm	No	Cut length	1746 kg	Ring, drum
Copper 2304	375 mm	240 mm ²	25 mm	No	Cut length	2289 kg	Ring, drum