

TECHNICAL DATASHEET

H1Z2Z2-K



Application

Especially designed to connect solar panels for permanent junction boxes and inverters. Good abrasion and ozone resistant flame-retardant properties. Halogen-free, oil-resistant, reduced diameter, and outstanding flexibility.



Technical Data

	1x4	1x6	1x10
Nominal cross section (mm ²)	1,0	1,0	1,0
Rated voltage U ₀ /U V	1,0/1,0 kV	1,0/1,0 kV	1,0/1,0 kV
Applicable Standard	EN 50618	EN 50618	EN 50618
Applicable Standard for Conductor	EN 60228	EN 60228	EN 60228
Material of conductor	Class 5 fine stranded tinned copper	Class 5 fine stranded tinned copper	Class 5 fine stranded tinned copper
Material of insulation	Halogen free cross-linked compound	Halogen free cross-linked compound	Halogen free cross-linked compound
Thickness of insulation (mm)	0,7	0,7	0,7
Identification of core	White	White	White
Material of outer sheath	Halogen free cross-linked compound	Halogen free cross-linked compound	Halogen free cross-linked compound
Average thickness of outer sheath (mm)	0,8	0,8	0,8
Overall cable diameter (mm) approx	5,5	6,1	7,1
Colour of outer sheath	Red or Black	Red or Black	Red or Black
min. operating temperature °C	-40°C	-40°C	-40°C
max. operating temperature °C	120°C	120°C	120°C
Conductor DC resistance at 20°C Ω / km	5,09	3,39	1,95