

Description: Photovoltaic Solar Cable H1Z2Z2-K



Construction

Conductor Material	: Tinned Copper, Class 5
Insulation Material	: Low Smoke Zero Halogen, LSHF (Cross Inked Rubber Insulation)
Insulation Colour	: Black
Jacket Material	: Low Smoke Zero Halogen, LSHF (Cross Inked Rubber Insulation)
Jacket Colour	: Black or Red

Characteristics

Voltage Rating	: 1,5/1,5 1kV (1,8) kV DC. 1,0/1,0 kV (U0/U)
Maximum Carrying Capacity @30°C	: 72A
Resistance	: ≤3.39Ω/km

Physical Characteristics

Overall Diameter	: See Table
Min. Bend Radius	: 5 x OD
Temperature Rating	: -40°C to +90°C
Water Performance	: EN 50525-2-21:2011 Annex D & E AD8
Weight	: 4mm – 62kg/KM : 6mm – 82kg/KM

Standards

Flame Retardant	: BS EN 60332-1-2
Low Smoke Generation	: BS EN 61034
Halogen Gas Emission	: BS EN 60754-1
RoHS Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Dca s2, d2 a2 (EN50575:2014+A1:2016)



Precisely Right.

Code	Description	O/D	mm ²	Colour
PV0400100100-D25	1 x 4.0mm ² Photovoltaic Solar Cable Black LSHF - 100m Reel	5.5mm	4	Black
PV0400103100-D25	1 x 4.0mm ² Photovoltaic Solar Cable Red LSHF - 100m Reel	5.5mm	4	Red
PV0400100500-D25	1 x 4.0mm ² Photovoltaic Solar Cable Black LSHF - 500m Reel	5.5mm	4	Black
PV0400103500-D25	1 x 4.0mm ² Photovoltaic Solar Cable Red LSHF - 500m Reel	5.5mm	4	Red
PV0600100100-D25	1 x 6.0mm ² Photovoltaic Solar Cable Black LSHF - 100m Reel	6.1mm	6	Black
PV0600103100-D35	1 x 6.0mm ² Photovoltaic Cable Red LSHF - 100m Drum	6.1mm	6	Red
PV0600100500-D25	1 x 6.0mm ² Photovoltaic Solar Cable Black LSHF - 500m Reel	6.1mm	6	Black
PV0600103500-D25	1 x 6.0mm ² Photovoltaic Solar Cable Red LSHF - 500m Reel	6.1mm	6	Red