



# TINMAR INVER

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## SOLAR DATASHEET (H1Z2Z2-K)

### Description:

The H1Z2Z2-K is a photovoltaic (PV) solar cable, designed for the interconnection of solar panels. It is suitable for fixed installations, both internal and external, within conduits or systems. This cable is highly flexible and compatible with all major connectors. It is suitable for wet, damp, and humid locations.

### Standards and Compliance:

UNE EN 50618  
EN 50575  
EN 60332-1  
EN 61034-2  
EN 60754-2  
IEC 60332-1  
RoHS Compliant



### PHYSICAL CHARACTERISTICS:

**Conductor:** Class 5 Flexible Tinned Electrolytic Copper

- **Diameter:** 4/6 mm<sup>2</sup>

**Insulation:** Special LSZH Cross-linked Compound

- **Color:** White

**Jacket:** Special LSZH Cross-linked Compound

- **Color:** Black

**Format:** Coils or Wooden Drums

### ELECTRICAL CHARACTERISTICS:

**Nominal Voltage:** 1.0/1.0 kV AC

**Operating Voltage:** 1.5kV (1.8kV) DC (EN 50618)

**Maximum Conductor Temperature:** +120°C/20000h

**Operating Temperature:** -40°C / +90°C

**Conductor Resistance:** <1000M Ω/Km

**Spark Test (50Hz):** 6500V (AC)





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### PHYSICAL CHARACTERISTICS:

**Conductor:** Class 5 Flexible Tinned Electrolytic Copper

- **Diameter:** 4/6 mm<sup>2</sup>

**Insulation:** Special LSZH Cross-linked Compound

- **Color:** White

**Jacket:** Special LSZH Cross-linked Compound

- **Color:** Red

**Format:** Coils or Wooden Drums

### ELECTRICAL CHARACTERISTICS:

**Nominal Voltage:** 1.0/1.0 kV AC

**Operating Voltage:** 1.5kV (1.8kV) DC (EN 50618)

**Maximum Conductor Temperature:** +120°C/20000h

**Operating Temperature:** -40°C / +90°C

**Conductor Resistance:** <1000M Ω/Km

**Spark Test (50Hz):** 6500V (AC)

