

Twin Core Solar PV Cable H1Z2Z2-K



APPLICATION

Cables for use in photovoltaic systems, in particular for installation at Direct Current side.

CHARACTERISTICS

Rated voltage

DC 1.5kV; AC 1.0/1.0kV

Highest system voltage (Um)

1.8kV

Max. Conductor Operating Temperature

90° C

Min. Bending Radius during Installation

8xD

Min. Bending Radius Fix Installed

6xD (D is diameter of cable)

STANDARDS

EN 50618

EN 60228

CONSTRUCTION

Conductor

Tinned soft copper conductor

Insulation

XL insulation

Sheath

XL sheath

Insulation Colors

Black and Red

Outer Sheath Colors

Black

*other colours available on request

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must

go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

SUSTAINABILITY COMMITMENT

Guowang Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustainable development.

Range and Dimensions

Nominal cross sectional area of conductors	Conductor Stranding	Nominal thickness of Insulation	Nominal thickness of sheath	Approx. dia.	Approx. Weight
mm ²	mm	mm	mm	mm	kg/km
2*2.5	48/0.25±0.01	0.7	0.8	5.0*11.0	90
2*4	52/0.3±0.01	0.7	0.8	5.6*11.5	120
2*6	76/0.3±0.01	0.7	0.8	6.1*12.5	156

Electrical Characteristics

Nominal cross sectional area of conductors	Max. Conductor DC resistance at 20°C	Minimum insulation resistance at 20°C	Current carrying capacity
mm ²	Ω/km	MΩ·km	A
2*2.5	8.21	690	33
2*4	5.09	580	44
2*6	3.39	500	57