



Advantages

Advantages of Japan Standard S-JET Certified PV-CQ Solar Cable: Benefits and Features

- a. Electron-beam cross-linked compounds
- b. UV, ozone and hydrolysis resistant
- c. High temperature resistant, the materials do not melt or flow
- d. Good cold flexibility
- e. Very long service life > 25 years at 90 c
- f. Compatible to all popular connectors

Specification Of PV-CQ Solar Cable

Cable Construction

Conductor

Bare copper conductor in JSC 4517

 English

Cable Construction	
Insulation	125°C irradditon cross-linked low-smoke halogen-free flame-retardant Polyolefin
Outer Sheath	125°C irradditon cross-linked low-smoke halogen-free flame-retardant Polyolefin
Sheath color	Black/Red
Technical Specification	
Nominal Voltage	1500V (DC)
Ambient Temperature	-40°C~+90°C
Conductor maximum temperature	125°C
Service Life	Expected life span;Ý25 years
Bending Radius	Fixed installation>4D, Occasionallymoved>5D
Material Properties/Standards	
UV-resistant	JIS K 7350-1ıç2
Fire-resistant Performance	JIS C 3665-1-2
Gas Emission	JIS C 3666-2
Executive standard	JSC 4517:2015

Dimensions/Parameters

Model	Specification(mm2)	Insulation Normal Thickness(mm)	Sheath Normal Thickness(mm)	Outer Diameter(mm)
PV-CQ	2	0.7	1	5.6
PV-CQ	3.5	0.7	1.1	6.2
PV-	5.5	0.7	0.7	6.8

 English