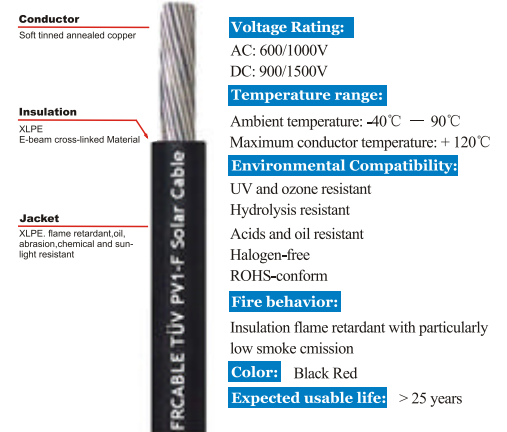


- Conductor : Tinned annealed copper
- Insulation : 120°CXLPE, black
- Jacket : 120°CXLPE, black
- voltage 600/1000V temperature 120°C
- Specifically designed for connecting photovoltaic system components inside and outside of building and equipment with high mechanical requirements and extreme weather conditions .for permanent installations.
- Cable made of electron-beam cross-linked insulation and coating; high resistance against heat, cold, oil, abrasion, ozone, UV and weather; with improved reaction in case of fire; low smoke, halogen free, flame free,flame retardant; flexible, easy to strip, very low space requirement, extremely mechanically robust, very long lifetime.

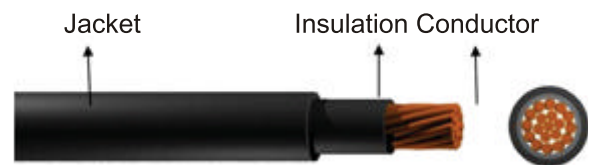


**Construction:**

Conductor			Insulation		Jacket		Outer Dia.	Conductor resistance (20°C)	Max. Current Carrying Capacity
Type	Construction	ConductorDia.	Standard Thickness	Standard Dia.	Standard Thickness				
mm <sup>2</sup>	N/mm	(about)mm	mm	mm	mm	mm	Ω/KM	Apm	
1.5	30/0.25±0.006	1.58	0.9	3.38 ± 0.1	1.10	5.5±0.2	13.7	30	
2.5	50/0.25±0.006	2.04	0.85	3.74 ± 0.1	0.90	5.5±0.2	8.21	41	
4.0	56/0.30±0.006	2.59	0.85	4.29 ± 0.1	0.90	6.10±0.2	5.09	55	
6.0	84/0.30±0.006	3.17	0.85	4.87 ± 0.1	1.05	7.0±0.2	3.39	70	

**Electrical Properties:**

Item	Units	Specification
Conductor resistance ( 20°C )	Ω / km	—
Insulation resistance ( 90°C )	Ω / cm	≤10 <sup>11</sup>
Withstand voltage	V / 5min	AC6500
Lifetime	year	≤25years
Min.Bending Radius		5D



CK-0809-1.5/2.5/4.0/6.0

Package

SOLAR CABLE

1.5/2.5/4.0/6.0 mm<sup>2</sup>

500

SET/CTN

