



CENTURY SOLAR PV CABLE

(LSZH/XLPE, AC U0/U 0.6/1 kV, -40°C to 90°C)

PRODUCT DESCRIPTIONS :

Stranded Tinned Copper, insulated sunlight resistant, photovoltaic wire rated for 90°C wet or dry, 600/1000V for interconnection wiring of grounded and ungrounded photovoltaic power systems. Low Smoke Zero-Halogen Cross-Link Polyethylene (LSZH XLPE). UV Resistance.



ELECTRICAL CHARACTERISTICS :

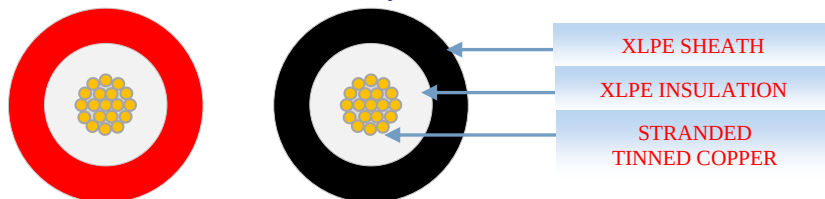
- Rated Voltage AC U0/U 0.6/1 kV
- Max. Voltage 1.8 kV DC (Conductor-Conductor, Non-Earthed System, Circuit Not Under Load)

PHYSICAL CHARACTERISTICS :

- Temperature Rating -40°C to 90°C
- Max. Temperature of Conductor 120°C for 20,000 Hours
- Conductor Size 2.5 – 16 SQ.MM.
- Conductor Material Soft Annealed Stranded Tinned Copper
- Insulation Material LSZH XLPE
- Sheath Material LSZH XLPE
- Min. Bending Radius 8 x OD

INDUSTRY COMPLIANCES :

- Acc. to UL 4703 PV Wire
- Acc. to TUV 2 pfg 1169/08.2007 PV1-F for use in Photovoltaic Systems
- RoHS Compliant



TINNED COPPER CABLE CONSTRUCTIONS :

<u>Conductor size</u>	<u>Stranded Tinned Copper</u> (60227 IEC Class5)	<u>Nominal Insulation OD</u> (LSZH XLPE)	<u>Nominal OD</u> (LSZH XLPE)	<u>Conductor DC Resistance @ 20C</u> (60227 IEC Class5)	<u>Rated Current @ 30C</u>
(mm ²)	(No./ ± 0.015 mm)	± 0.15 mm	± 0.15 mm	≤ (ohm/km.)	(Amp)
2.5	50/0.25	3.65	5.80	8.21	41
4	56/0.30	4.20	6.05	5.09	55
6	84/0.30	4.90	6.50	3.39	70
10	84/0.40	5.75	8.66	1.95	98
16	128/0.40	7.55	10.10	1.24	132

Dimensions and weights are nominal, subject to industry tolerances.



CC CENTURY CABLE



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Note: The specifications are subjected to change without prior notice.

Pan-Asia SOLAR PV LXHZ XLPE.doc