



LAPP KABEL PV-CQ 1500 V



Info

- Meets the design standard of JCS 4517
- DC 1,500V SOLAR CABLE

Benefits

- High performance of heat resistance / weatherability / mechanical strength
- Standard cable from 2.0 to 60 mm²
- Exact quantity control during installation by meter marking on the cable sheath

Application range

- For use in photovoltaic-systems with rated voltage 1500 V DC
- For cabling between solar modules and as extension cable between module strings and DC/AC inverter
- Gable and flat roof photovoltaic systems

Product features

- High mechanical strength acc. to JCS 4517 6.17
- Weather/UV-resistant acc. to JIS K 7350-1 & -2; Ozone-resistant according to JIS C 3667

- Halogen-free acc. to JIS C 3666-2
- Flame retardant acc. to JIS C 3665-1-2
- Acid / Alkaline resistance according to JIS C 3660-2-1

Norm references / Approvals

- S-JET certified according to JETST-CABL-001-1
- Meets the design standard of JCS 4517

Product Make-up

- Conductor: Annealed Copper Wire according to JIS C 3102
- Core insulation: Cross-Linked Polyethylene (XLPE)
- Core insulation colour: White
- Outer sheath : Electron beam crosslinked Polyolefin (XLPO)
- Outer sheath colour: Black

Technical data

- Conductor stranding**
Annealed Copper Wire according to JIS C 3102
- Minimum bending radius**
Fixed installation: 5 x outer diameter
- Nominal voltage**
DC 1500 V
- Temperature range**
Ambient temperature range according to JCS 4517 : -40 °C to +90 °C

Article number	Number of cores and mm ² per conductor	Outer diameter [mm]	Copper index (kg/km)	Weight (kg/km)
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Core insulation: natural / Outer sheath: black				
85120000	1 X 2.0	5.6	19.0	25
85120001	1 X 3.5	6.2	34.0	41
85120002	1 X 5.5	6.8	53.0	61
85120003	1 X 8	7.4	75.0	84
85120004	1 X 14	8.8	134.0	146
85120005	1 X 22	10.4	211.2	230
85120006	1 X 38	12.4	364.8	389
85120007	1 X 60	15.2	576.0	613

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.