

General Specifications

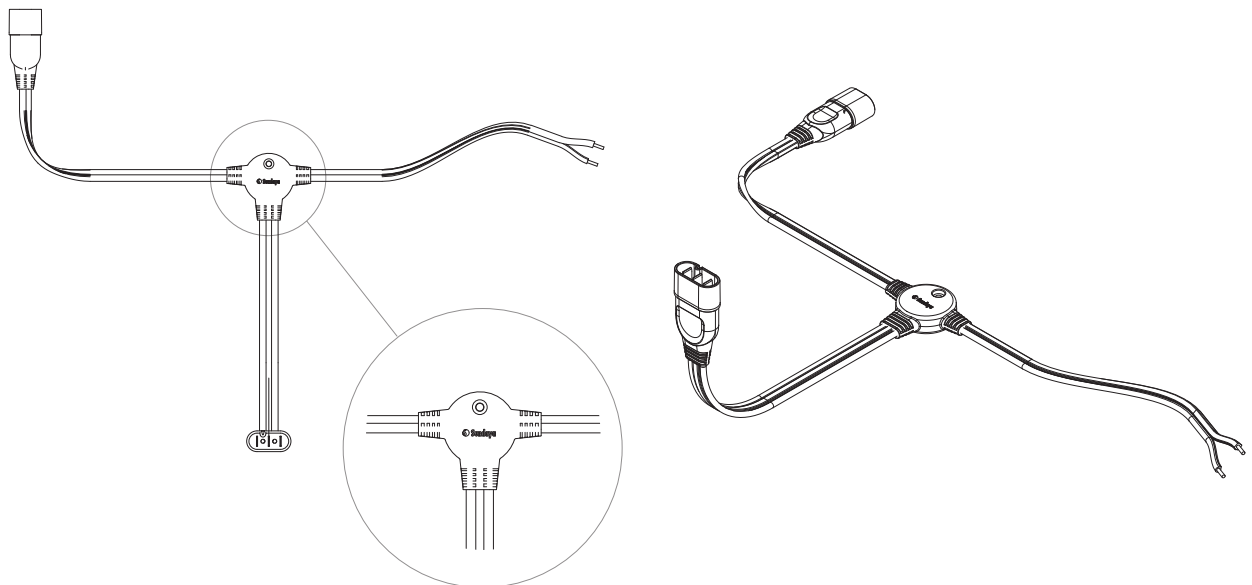
- Product name : Hub 1
- Product description : Integrated cabling solution for Solar Home Systems

Electrical Specifications

- Resistance at 20°C : Ohm/km 7.98
- Max. permissible current : 28 A
- Electrical strength
- in water : to withstand 1000 V for 1 minute
- in air : to withstand 3000 V for 1 minute
- spark : to withstand 5000 V for at least 0.15 sec.

Mechanical Specifications

- Materials : PVC (fire retardant)
- Product dimensions (ØxH) : 375 x 135 mm
- Net product weight : 1.1 kg
- Standard cable : Sundaya PVS electric cable 50 Am / 3x2.50 mm² and
- : Sundaya PVS electric cable 50 Am / 2x1.50 mm²
- Standard cable length : 2 meter(3 x 2.50 mm²) and 11 meter (2x2.50 mm²)
- Color : dark grey or Black
- Tensile strength : Min. 11Mpa
- Elongation : Min. 190%
- Thermal aging (80°C ± 2°C, 7x24hr)
- Tensile strength : Retention rate compared to before heating 60%
- Elongation : Retention rate compared to before heating 70%
- Heat Shock : No cracks or flaws on the surface
- Cold bend : No cracks or flaws on the surface
- Heat deformation : Thickness not to exceed 30%
- Flame Retardance : Flame to go out naturally within 60 sec.
- Properties of conductor copper wire
- Elongation : min. 15%
- Electrical conductivity : min. 98%
- Standard packaging : 1 pc. per inner box S4
- Packing dimensions (LxWxH) : 300 x 90 x 50mm
- Gross weight : 1.157 kg
- Volume / Pcs.per m3 : 0.00135 m³ / 740 pcs. per m³



Because of continuous research and development of our products the information and specifications in this data sheet are subject to change without prior notice.