



MPN: PV-ULTRA2C4.0

Product Name: 4.0mm 2 Core DC Double Insulated Solar Photovoltaic Cable

Brand: Commodity Cables

Category: Solar Cables

Product Description: This cable is designed to meet the requirements of the DC interconnections between the solar panels and the other components of the photovoltaic system, such as the isolators and invertors.

Key Features:

- Easier to handle
- Saves installation costs
- Saves installation time
- Easy polarity identification
- Easier to route along/through buildings or walls
- Reduces the risk of accidental damage
- Gives a cleaner, neater installation
- Safer as it removes the need for junction boxes
- Safer as it looks like a power cable
- Pre-marked 'LIVE DC' warning message to improve safety

Specifications:

- Conductor: Tinned Annealed Copper Class 5 Flexible
- Insulation: Double insulated cross-linked and fulfilling the requirements of BS EN 50618 Annex B
- Minimum Operating Temperature: -15°C
- Maximum Operating Temperature: 90°C
- Core Colours: 2 Core - Red and White
- Sheath Colours: Black
- Nominal Diameter of Bedding: 12.6mm
- Galvanised Steel Wire Armour: Not applicable
- Approximately Overall Diameter: 15.0mm
- Approximately Weight (kg/km): 335
- Current Rating (Clipped): 52A

ETIM Class-9.0: Power cable < 1 kV, for fixed installations (EC003248)

Applications:

- Specifically designed to fulfil the demands of DC interconnections within the photovoltaic system, connecting solar panels with other components like isolators and inverters.

Standards:

- BS7671



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