



**MPN:** PV-ULTRA4C4.0

**Product Name:** 4.0mm 4 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

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## 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: 4 Core – Red,White,Red,White
- Sheath Colours: Black
- Nominal Diameter of Bedding: 15.3mm
- Galvanised Steel Wire Armour: Not applicable
- Approximately Overall Diameter: 17.7mm
- Approximately Weight (kg/km): 585
- Current Rating (Clipped): 44A

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

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## Applications:

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

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## Standards:

- BS7671
- EN 50618



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