



**MPN:** 6243BH-1.0

**Product Name:** 6243BH 1.0mm<sup>2</sup> White Basec Cable 3-Core & Earth

**Brand:** Commodity Cables

**Category:** Twin And Earth

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**Product Description:** This product is packaged as 100m Reel. Hence when ordering, a multiple of 100 needs to be entered. 6243BH-1.0 is a Flat Cable made up of a circular copper wire complete with XPLE insulation and low smoke and zero halogen (LSZH) sheathing. These cables are of similar construction as 6243YH but produce lower levels of smoke and fumes under fire condition.

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#### **Key Features:**

- BS7211 White LSOH sheathed cable with CPC
- Used in light industrial & domestic wiring
- Plain annealed copper conductors
- Low Smoke Zero Halogen
- Easier to route along/through buildings or walls

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#### **Specifications:**

- Class of conductor: 1
- Maximum conductor resistance at 20 °C (Ω / km): 18.1
- Circuit protective conductor, minimum nominal cross-sectional area (mm<sup>2</sup>): 1.0
- Class of protective conductor: 1
- Maximum protective conductor resistance at 20 °C (Ω / km): 18.1
- Radial thickness of insulation (mm): 0.7
- Radial thickness of sheath (mm): 0.9
- Mean overall dimensions (maximum) (mm): 5.0 x 12.1
- Minimum insulation resistance at 90 °C (MΩ km): 0.011

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

### ETIM Features:

- Conductor material: Copper (EV000138)
- Nominal cross-sectional area of conductor (mm<sup>2</sup>):1
- Number of cores:3
- Core insulation material: Polyvinyl chloride (PVC) (EV000163)
- Core colour: White (EV000202)
- Sheath colour: White (EV000202)

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### Applications:

#### Domestic Wiring:

- Lighting Circuits: Ideal for wiring lighting circuits in residential properties.
- Power Circuits: Suitable for power circuits, including sockets and switches.

#### Commercial Wiring:

- Office Buildings: Used in office buildings for general power and lighting installations.
- Retail Spaces: Suitable for wiring in retail environments where low smoke and zero halogen properties are beneficial.

#### Industrial Wiring:

- Low Voltage Installations: Used in low voltage installations where safety and fire resistance are critical.
- Control Circuits: Suitable for control circuits in industrial settings.

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### Standards:

- BS7211



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