



MPN: 6242BH-6.0

Product Name: 6242BH 6.0mm² White Basec Cable 2-Core & Earth

Brand: Commodity Cables

Category: Twin And Earth

Product Description: This product is packaged as 100m Reel. Hence when ordering, a multiple of 100 needs to be entered. Premium fire safety flat wiring cable made up of a plain annealed copper wire complete with XLPE insulation and sheathing.

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: 2
- Maximum conductor resistance at 20 Oc (Ω / km): 3.08
- Circuit protective conductor, minimum nominal cross-sectional area (mm²): 2.5
- Class of protective conductor: 1
- Maximum protective conductor resistance at 20 oC (Ω / km): 7.41
- Radial thickness of insulation (mm): 0.7
- Radial thickness of sheath (mm): 1.1
- Mean overall dimensions (maximum) (mm): 7.5 x 14.6
- Minimum insulation resistance at 90 oC (M Ω km): 0.0059

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

ETIM Features:

- Conductor material: Copper (EV000138)
- Conductor surface: Bare (EV000899)
- Nominal cross-sectional area of conductor (mm²):6
- Conductor Diameter (mm):6
- Conductor category: Class 2 = stranded (EV004200)
- Number of cores:2
- Core insulation material: Polyolefin (EV001108)
- Specification core insulation: Other (EV000154)
- Core identification: Colour (EV000207)
- Core colour: Several (EV006439)
- Max. conductor temperature (°C):90
- Screen: No
- Drain wire: Yes
- Protective barrier: None (EV000494)
- Sheath material: Polyolefin (EV001108)
- Sheath material specification: Other (EV000154)
- Sheath colour: White (EV000202)
- Oil resistant according to IEC 60811-404:No
- Low temperature resistant according to EN 60811-504+505+506:No
- Permitted cable outer temperature during assembling/handling (°C):0 - 80
- Nominal voltage U0 (V):300
- Nominal voltage U (V):500

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.

Standards:

- BS7211



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