



**MPN:** BS6231-10.0BRNCUT

**Product Name:** 10.0Mm Brown 1-Core Panel Wire Cut Tri-Rated

**Brand:** Commodity Cables

**Category:** Panel Wire

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**Product Description:** This product is packaged as 100m Reel. Hence when ordering, a multiple of 100 needs to be entered. BS62311.0 is a Control Panel Cable made of a class 5 flexible annealed copper conductor complete with PVC insulation. Suitable for use within the switch control, relay and instrumentation panels of power switchgear. High temperature and flame-retardant cable.

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**Key Features:**

- Cable Size: 10mm<sup>2</sup>
- Number of cores: 1
- CPR Compliant
- BASEC-Approved
- Material: PVC

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## Specifications:

- UL Type AWM Style 1015 (Incl. 1028, 1283 and 1284) and CSA C22.2 Type TEW
- Plain Annealed Class 5 copper conductor
- Voltage rating 600/1000V (Uo/U)
- Nominal Number & Diameter of Wires: 80/0.4mm
- Radial Thickness of Insulation: 1.20mm
- Nominal Overall Diameter: 6.8mm
- Maximum AMPS: 75
- Approx AWG: 8
- Weight kg/km: 128

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**ETIM Class-9.0:** Power cable < 1 kV, for flexible applications (EC003250)

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## Applications:

- Control Panels: BS6231 cables are commonly used in control panels for wiring purposes. Their high-temperature rating and flexibility make them ideal for such environments.
- Switchgear: These cables are suitable for use in switchgear, providing reliable performance in high-voltage environments.
- Internal Wiring of Electrical Equipment: BS6231 cables are often used for the internal wiring of electrical equipment, ensuring safe and efficient operation.
- Relay and Instrument Panels: The cables are used in relay and instrument panels, where precise and reliable connections are crucial.
- Motor Starters and Controllers: Due to their durability and compliance with safety standards, BS6231 cables are used in motor starters and controllers.
- Power Distribution Systems: These cables are also used in power distribution systems, providing a reliable means of distributing electrical power.

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## Standards:

- BS 6231
- BS EN 50575



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