



MPN: BS6231-25.0-BRN1

Product Name: 25.0Mm Brown 1-Core Panel Wire Cut Tri-Rated

Brand: Commodity Cables

Category: Panel Wire

Product Description: 25.0Mm Brown 1-Core Panel Wire Cut Tri-Rated is the perfect choice for your next electrical project. This high-quality cable is tri-rated, meaning that it meets the standards of three different regulatory bodies: BS6231, UL, and CSA. This makes it suitable for a wide range of applications, including switchgear, control panels, and instrumentation. The cable is made with a flexible plain annealed copper conductor, which provides excellent electrical performance. The conductor is sheathed in a high-temperature PVC insulation, which makes the cable resistant to damage from heat and chemicals. The cable is also flame retardant, making it safe for use in hazardous environments.

Key Features:

- Cable Size: 25mm²
- Number of cores: 1
- CPR Compliant
- BASEC-Approved
- Material: PVC

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 No. &
- Diameter of Wires: 196/0.4mm
- Radial Thickness of Insulation: 1.60mm
- Nominal Overall Diameter: 10.6mm
- Maximum AMPS: 136
- Approx AWG: 4
- Weight kg/km: 277

ETIM Class-9.0: Power cable ≥ 1 kV, for flexible applications (EC000837)

ETIM Features:

- Sheath material: Polyvinyl chloride (PVC) (EV000163)
- Sheath colour: Brown (EV000083)
- Outer diameter approximately (mm):25

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.

Standards:

- BS 6231
- BS EN 50575



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