

RoHS
Compliant



Conductor

Electrolytic copper, class 5 (flexible), based on EN60228 and BS 6360.

Insulation

Flexible PVC, high service temperature type TI3 according to UNE 21031/HD 21 and Class 43 UL 1581. The special material used for isolation provides extra sliding properties to the cable.

Applications

The Tri-rated cable has been designed for the internal wiring of electrical cabinets, switch boards and small electrical devices. Due to its manufacturing characteristics, it can be used in conduit or in flexible motor ducts, transformers and other machinery in general.

Characteristics

- Flexible conductor class 5
- Minimum service temperature: -40°C (fixed and protected installation)
- Maximum service temperature 90°C based on HD and BS, 105°C based on UL and CSA
- Maximum short-circuit temperature: 160°C (max.5s)
- Minimum bending radius: 5x cable diameter
- Meter by meter marking: from 10mm² onwards
- Flame non-propagation VW-1/FT-2
- Water resistance AD3 aspersion
- Chemical & oil resistance: Acceptable

Installation Conditions

- In conduit
- Electrical panel wiring

Dimensions

Cross section (mm ²)	No. of Strands × Strand Size	Diameter (mm)	Weight (kg/km)	In conduit 2 Cores 30°C (A)	In conduit 3 Cores 30°C (A)	Voltage drop (V/A - km)
1 × 0.75	24 × 0.2mm	2.7	13.2	15	13	66.6

Part Number Table

Description	Part Number
Tri Rated Wire, 20AWG, Purple, 100m	PP001651

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