

# SOLID SINGLE CORE TRI-RATED CABLE SPECIFICATION

**UK Manufacturers of Tri-rated cable for over 30 years**

## TRI-RATED SWITCHGEAR & CONTROL GEAR WIRING 105°C

To BS 6231, UL Type AWM Style 1015 (Incl. 1028, 1283 and 1284) and CSA C22.2 Type TEW Plain annealed Class 1 copper conductor. High temperature flame-retardant PVC insulation. Voltage rating 600/1000V (Uo/U)

Nominal Cross Sectional Area of Conductor mm <sup>2</sup>	Nominal No. & Diameter of Wires mm	Radial Thickness of Insulation mm	Nominal Overall Diameter mm	Maximum AMPS	Approx AWG
0.5	1/0.80	0.8	2.6	11	22
1.0	1/1.13	0.8	3.0	17	18

### Colours -

Black, Blue, Brown, Dark Blue, Green, Green/Yellow, Grey, Light Blue, Orange, Pink, Red, Violet, Yellow, White

### Packaging -

1mm<sup>2</sup> - 1500m barrels. 0.5mm<sup>2</sup> and other sizes / lengths made to order.

### Technical -

#### Construction

Plain annealed Class 1 copper conductor  
PVC Insulation: Heat resisting 105°C  
Minimum working temperature -15°C

#### Current Rating

1. Single conductor in free air  
2. Ambient temperature of 45°C  
3. Conductor operating temperature of 85°C