



Tri-rated cable.

Key features.

- Single core cable with flexible plain stranded copper conductors that are surrounded by a HR PVC (heat resistant polyvinyl chloride) insulation
- Commonly used in power switch gear applications, can also be used in everyday electrical installations with the final result of an overall higher quality
- Can be used in electrical cabinets, switch control in power switchgear, relay and instrumentation panels of power switchgear, internal connectors in rectifier equipment, motor starters and controllers, small electrical devices, industrial electrical installations and panel building
- Triple rating of this Tri-rated cable means that it can be used in North American & European markets. This results in a leaner and more flexible equipment manufacturing process
- Continuously tested with approval bodies to ensure consistent compliance with UL, CSA and BSI standards

What does Tri-Rated mean?

Tri-Rated cable gets its name from the fact that it meets the specifications of three different standard setting bodies:

- The British Standards Institute (BSI)
- Underwriters Laboratories (UL)
- Canadian Standards Association (CSA)



Specification.

Material:

Plain annealed copper conductor with a flexible class 5 high temperature, flame-retardant single core and high grade PVC insulation.

Voltage rating:

600V AC / 1000V DC.

Colour options:

Standard colours

Black, Blue, Brown, Grey or Green/Yellow.

Other colours

Please contact us for other colours including Light Blue, Dark Blue, Orange, Green, Pink, Red, Violet, Yellow or White.

Temperature rating:

Min working temperature 15°C, PVC insulation heat resisting 105°C.

Approvals:

Manufactured to British Standard BS 6231 Type CK and certified to American UL Styles 1015, 1028, 1283 and 1284 and Canadian C22.2 Type TEW. RoHS compliant.

| Part number | Nominal cross sectional area of conductor (mm ²) | Nominal no. & diameter of wires (mm) | Radial thickness of insulation (mm) | Nominal Overall Diameter (mm) | Maximum AMPS | Approx AWG | Weight (Kg) | Pack (m) |
|-----------------------------------|--|--------------------------------------|-------------------------------------|-------------------------------|--------------|------------|-------------|----------|
| TRI-RATED 0.5MM (Colour) | 0.5 | 16 / 0.2 | 0.8 | 2.63 | 11 | 22 | 1.2 | 100 |
| TRI-RATED 0.75MM (Colour) | 0.75 | 24 / 0.2 | 0.8 | 2.83 | 14 | 20 | 1.4 | 100 |
| TRI-RATED 1.0MM (Colour) | 1.0 | 32 / 0.2 | 0.8 | 3.00 | 17 | 18 | 1.7 | 100 |
| TRI-RATED 1.5MM (Colour) | 1.5 | 30 / 0.25 | 0.8 | 3.30 | 21 | 16 | 2.3 | 100 |
| TRI-RATED 2.5MM (Colour) | 2.5 | 50 / 0.25 | 0.8 | 3.70 | 30 | 14 | 3.3 | 100 |
| TRI-RATED 4.0MM (Colour) | 4.0 | 56 / 0.3 | 0.8 | 4.40 | 41 | 12 | 4.9 | 100 |
| TRI-RATED 6.0MM (Colour) | 6.0 | 84 / 0.3 | 0.8 | 4.90 | 53 | 10 | 7.0 | 100 |
| TRI-RATED 10.0MM (Colour) | 10.0 | 80 / 0.4 | 1.14 | 6.50 | 75 | 8 | 12.8 | 100 |
| TRI-RATED 16.0MM (Colour) | 16.0 | 126 / 0.4 | 1.55 | 9.05 | 100 | 6 | 18.6 | 100 |
| TRI-RATED 25.0MM (Colour) | 25.0 | 196 / 0.4 | 1.55 | 10.55 | 136 | 4 | 27.7 | 100 |
| TRI-RATED 35.0MM (Colour) | 35.0 | 276 / 0.4 | 1.55 | 11.90 | 167 | 2 | 37.3 | 100 |
| TRI-RATED 50.0MM (Colour) | 50.0 | 396 / 0.4 | 2.05 | 14.75 | 204 | 1 | 57.8 | 100 |
| TRI-RATED 70.0MM (Colour) | 70.0 | 360 / 0.5 | 2.05 | 16.55 | 259 | 2/0 | 78.3 | 100 |
| TRI-RATED 95.0MM (Colour) | 95.0 | 475 / 0.5 | 2.05 | 18.75 | 321 | 3/0 | 100.4 | 100 |
| TRI-RATED 120.0MM (Colour) | 120.0 | 608 / 0.5 | 2.05 | 20.00 | 362 | 4/0 | 132.0 | 100 |