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FEATURES

- Conductor stranding is flexible,
- Oil resistant with temperatures up to 60°C
- Manufactured within the United Kingdom
- Variety of sheath colours
- Suitable for wiring circuits

RS PRO Orange Tri-rated Cable, 1mm² CSA, 1kV dc, 600Vac, 17A, 100m

RS Stock No.: 180-5940



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Tri-rated Cable

Product Description

Our RS Pro tri-rated cable has been designed to be used within electrical equipment, most commonly for wiring items that include power switchgear. The cable is also great for internal connections within rectifier equipment, motor starters, and controllers. Our RS PRO tri-rated cable range features highly durable wires that are made with flexible copper and are encased with a HR PVC (heat resistant polyvinyl chloride) insulation. The high maximum operating temperature of 105°C allows them to be used with a wide variety of applications such as electrical cabinets. RS PRO tri-rated cables are available in a variety of different coloured HR PVC sheaths including blue, black, red, brown, green, yellow and many more, to accommodate for a number of applications

General Specifications

Type	Tri-rated
Tri-rated	Yes
Sheath Colour	Orange
Fire Behaviour	Flame Retardant
Applications	Electrical cabinets, Industrial electrical installations, Small electronic devices, Relay and instrumentation panels, Control metering, Motor starters

Electrical Specifications

Voltage Rating	1kVDC, 600VAC
Current Rating	17A
Conductor Material	Copper
Insulation Material	PVC

Tri-rated Cable

Mechanical Specifications

Length	100m
Cross Sectional Area	1mm^2
Outer Diameter	3mm
Core Strands	32/0.2mm
Size of Strands	0.2mm
Weight	18kg/km

Operation Environment Specifications

Maximum Operating Temperature	105°C
Maximum Conductor Temperature	105°C in air; 60°C in oil

Approvals

Compliance/Certifications	CSA , UL ,BSI , RoHS Certificate Of Compliance
Standards Met	BS6231



Tri-rated Cable



Stock number:		
	180-5936	Black tri-rated cable 1.0mm 100m
	180-5941	Blue tri-rated cable 1.0mm 100m
	180-5933	Brown tri-rated cable 1.0mm 100m
	180-5970	Green tri-rated cable 1.0mm 100m
	180-5934	Green/yellow tri-rated cable 1.0mm 100m
	180-5942	Grey tri-rated cable 1.0mm 100m
	180-5940	Orange tri-rated cable 1.0mm 100m
	180-5944	Pink Tri-rated cable 1mm 100m
	180-5938	Red tri-rated cable 1.0mm 100m
	180-5943	Violet tri-rated cable 1.0mm 100m
	180-5937	White tri-rated cable 1.0mm 100m
	180-5939	Yellow tri-rated cable 1.0mm 100m