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FEATURES

- Maximum operating temperature of 70°C
- A voltage rating of 600V/1000V
- Available in 25m &100m length
- Single core cable design

RS PRO Red Single Core x 10.0sqmm (Class 5 PCW), PVC Insulated, 600/1000V, Type BK, 25m

RS Stock No.: 516-7984



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.

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Tri-rated Cable

Product Description

From RS PRO, comes a range of high quality and great value Tri-rated cables. Manufactured with a premium copper conductor and insulated with PVC (Polyvinyl Chloride), these Tri-rated cables are a fantastic solution for use in control panels and other types of electrical equipment.

General Specifications

Type	BK
Tri-rated	Yes
Sheath Colour	Red
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	600/1000V
Current Rating	68A
Conductor Material	72/0.40mm Plain Annealed Copper (Class 5 to IEC 60228)
Insulation Material	PVC (Type TI1 to BS EN 50363)
Conductor Resistance	1.91 Ω/km @ 20°C (Maximum)

Tri-rated Cable

Mechanical Specifications

Length	25mm
Cross Sectional Area	10mm^2
Outer Diameter	7.2mm
American Wire Gauge	7
Core Strands	80/0.4mm
Size of Strands	0.4mm
Insulation Wall Thickness	1.00mm (Nominal)
Minimum Bend Radius	6 x Overall Diameter
Weight	112.90kg/km (Nominal)
Diameter Over Insulation	Lower Limit: 5.70mm;Upper Limit: 7.20mm

Operation Environment Specifications

Temperature Range	-15 to +70°C

Approvals

Standards Met	BS 6231:2006



