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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 6.0sqmm (Class 5 PCW), PVC Insulated, 600/1000V, Type BK, 25m

RS Stock No.: 516-7934



RS PRO 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

From RS PRO, comes a range of high quality and great value Tri-rated cables. Manufactured with a premium annealed 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	48A
Conductor Material	78/0.295mm Plain Annealed Copper (Class 5 to IEC 60228)
Insulation Material	PVC (Type TI1 to BS EN 50363)
Conductor Resistance	3.30 Ω/km @ 20°C (Maximum)

Mechanical Specifications

Length	25m & 100m
Cross Sectional Area	6mm^2
Outer Diameter	4.9mm (+/-0.4mm)
American Wire Gauge	9
Core Strands	80/0.3mm
Size of Strands	0.3mm
Insulation Wall Thickness	0.8mm
Weight	70.80kg/km (Nominal)
Diameter Over Insulation	Lower Limit: 4.40mm ; Upper Limit: 5.30mm

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Operation Environment Specifications

Temperature Range	-15 to +70°C

Approvals

Standards Met	BS 6231:2006



