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FEATURES

- Maximum operating temperature of 105°C
- A voltage rating of 600V/1000V
- Single core cable design

RS PRO Black Single Core x 25.0sqmm (Class 5 PCW), HRPVC Insulated, 600/1000V, Tri-Rated

RS Stock No.: 815-8687



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

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	Single core
Tri-rated	Yes
Sheath Colour	Black
Fire Behaviour	Flame Retardant
Application	Electrical cabinets, Industrial electrical installations, Small electronic devices, Relay and instrumentation panels, Control metering, Motor starters

Electrical Specifications

Voltage Rating	600/1000V
Current Rating	136A
Conductor Material	180/0.40mm Plain Annealed Copper (Class 5 to IEC 60228)
Insulation Material	HRPVC (Type TI3 to BS EN 50363)
Conductor Resistance	0.78 Ω/km @ 20°C (Maximum)

Mechanical Specifications

Length	100m
Cross Sectional Area	25mm^2
Outer Diameter	10.6mm
American Wire Gauge	4
Core Strands	196/0.4 mm
Size of Strands	0.4mm
Insulation Wall Thickness	1.60mm (Nominal)
Diameter Over Insulation	Lower Limit: 8.40mm ; Upper Limit: 11.50mm

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Operation Environment Specifications

Operating Temperature Range	-15°C to 105°C
Minimum Operating Temperature	-15°C
Maximum Operating Temperature	105°C

Approvals

Compliance/Certifications	UL & CSA
Standards Met	UL 1283 & CSA Type TEW & BS 6231 Type CK