

## FEATURES

- Maximum operating temperature of 70°C
- A voltage rating of 600V
- 25m length
- Single core cable design

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

RS Stock No.: 516-7978



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.

## 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

<b>Type</b>	BK
<b>Tri-rated</b>	Yes
<b>Sheath Colour</b>	Blue
<b>Fire Behaviour</b>	Flame Retardant
<b>Application</b>	Electrical cabinets, Industrial electrical installations, Small electronic devices, Relay and instrumentation panels, Control metering, Motor starters

## Electrical Specifications

<b>Voltage Rating</b>	600/1000V
<b>Current Rating</b>	68A
<b>Conductor Material</b>	72/0.40mm Plain Annealed Copper (Class 5 to IEC 60228)
<b>Insulation Material</b>	PVC (Type TI1 to BS EN 50363)
<b>Conductor Resistance</b>	1.91 $\Omega$ /km @ 20°C (Maximum)

## Mechanical Specifications

Length	25m
Cross Sectional Area	10mm <sup>2</sup>
Outer Diameter	7.2mm
American Wire Gauge	7
Core Strands	80/0.4mm
Size of Strands	0.4mm
Insulation Wall Thickness	1.00mm (Nominal)
Weight	112.90kg/km
Diameter Over Insulation	Lower Limit: 5.70mm;Upper Limit: 7.20mm

## Operation Environment Specifications

Temperature Range	-15 to +70°C
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## Approvals

Standards Met	BS 6231:2006
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