

FEATURES

- PVC sheath material for insulation
- Various colours to choose from, including red, blue and green
- Sizes range from 0.5mm² CSA/22 AWG up to 2.5mm² CSA/14 AWG
- Variety of conductors, including - BS6004, Class 5 and Plain annealed
- Supplied on a 100m reel

RS PRO Blue, Single Core x 1.0sqmm (Class 5 PCW), PVC Insulated, 300/500V, H05V-K, 100m

RS Stock No.: 361-721



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

Brought to you by RS PRO, a range of hook up wire. Suitable for electrical power, lighting and internal wiring applications. All of the standard equipment wire within this range is 100 m in length and with a variety of sheath colours to choose from, they are suitable for various applications. Due to robust and carefully manufactured copper conductor, all models are highly reliable and excellent quality.

General Specifications

Type	Equipment Wire
Conductor Material	32/0.192mm Plain Annealed Copper (Class 5 to IEC 60228)
Sheath Colour	Blue
Insulation Material	PVC
Wire Style	2491X
Shield Type	Unshielded
Application	Circuit boards, Computer Internals, Vehicle lights, Mobile phones and other battery operated devices

Electrical Specifications

American Wire Gauge	17AWG
Core Strands	32/0.2 mm
Voltage Rating	300/500V
Current Rating	10A
Harmonised Code	H05V-K
Conductor Resistance	19.5 Ω /km @ 20°C (Maximum)

Mechanical Specifications

Cross Sectional Area	1mm ²
Outer Diameter	2.8mm
Length	100m
Insulation Wall Thickness	0.60mm (Nominal)
Conductor diameter (mm)	32/0.2mm
Nominal diameter of insulation	0.3mm
Diameter Over Insulation	Lower Limit: 2.40mm ; Upper Limit: 2.80mm

Operation Environment Specifications

Temperature Range	-15 to +70°C
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Approvals

Compliance/Certifications	BASEC
Standards Met	BS EN 50525-2-31 Section 4.4 Table B.4



Voltage ratings:	
between conductor and earth	300V (0.5 to 1mm ²)
	450V (1.5 to 2.5mm ²)
between conductors	500V (0.5 to 1mm ²)
	750V (1.5 to 2.5mm ²)