

## FEATURES

- PVC sheath material for insulation
- Various colours to choose from, including red, blue and green
- Sizes range from 0.5mm<sup>2</sup> CSA/22 AWG up to 2.5mm<sup>2</sup> CSA/14 AWG
- Variety of conductors, including - BS6004, Class 5 and Plain annealed
- Supplied on a 100m reel

## RS PRO Red, Single Core x 1.5sqmm (Class 5 PCW), PVC Insulated, 450/750V, H07V-K, 100m

RS Stock No.: 361-822



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

<b>Type</b>	Equipment Wire
<b>Conductor Material</b>	30/0.245mm Plain Annealed Copper (Class 5 to IEC 60228)
<b>Sheath Colour</b>	Red
<b>Insulation Material</b>	PVC (Type TI1 to BS EN 50363)
<b>Wire Style</b>	2491X
<b>Shield Type</b>	Unshielded
<b>Application</b>	Circuit boards, Computer Internals, Vehicle lights, Mobile phones and other battery operated devices

## Electrical Specifications

<b>American Wire Gauge</b>	15AWG
<b>Core Strands</b>	30/0.25mm
<b>Voltage Rating</b>	750V
<b>Current Rating</b>	15A
<b>Harmonised Code</b>	H07V-K
<b>Conductor Resistance</b>	13.3 $\Omega$ /km @ 20°C (Maximum)

## Mechanical Specifications

<b>Cross Sectional Area</b>	1.5mm <sup>2</sup>
<b>Outer Diameter</b>	3.4mm
<b>Length</b>	100m
<b>Insulation Wall Thickness</b>	0.70mm (Nominal)
<b>Conductor diameter (mm)</b>	30/0.25mm
<b>Nominal diameter of insulation</b>	3.5mm
<b>Diameter Over Insulation</b>	Lower Limit: 2.80mm ; Upper Limit: 3.40mm

## Operation Environment Specifications

<b>Temperature Range</b>	-15 to +70°C
--------------------------	--------------

## Approvals

<b>Compliance/Certifications</b>	BASEC
<b>Standards Met</b>	BS EN 50525-2-31 Section 4.2 Table B.2



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