

## 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 Single Core x 0.75sqmm (Class 5 PCW), PVC Insulated, 300/500V, H05V-K

RS Stock No.: 361-709



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>  | 24/0.192mm Plain Annealed Copper (Class 5 to IEC 60228)  |
| <b>Sheath Colour</b>       | Yellow   |
| <b>Insulation Material</b> | PVC (Type T11 to BS EN 50363)  |
| <b>Wire Style</b>          | 2491X  |
| <b>Shield Type</b>         | Unshielded   |
| <b>Number of Strands</b>   | 24   |
| <b>Application</b>         | Circuit boards, Computer Internals, Vehicle lights, Mobile phones and other battery operated devices |

## Electrical Specifications

|                             |                                    |
|-----------------------------|------------------------------------|
| <b>American Wire Gauge</b>  | 18AWG                              |
| <b>Core Strands</b>         | 24/0.2 mm                          |
| <b>Voltage Rating</b>       | 300/500 V                          |
| <b>Current Rating</b>       | 6A                                 |
| <b>Harmonised Code</b>      | H05VK                              |
| <b>Conductor Resistance</b> | 26.0 $\Omega$ /km @ 20°C (Maximum) |

## Mechanical Specifications

|                                  |  |
|----------------------------------|--|
| <b>Cross Sectional Area</b>      | 0.75mm <sup>2</sup>                      |
| <b>Outer Diameter</b>            | 2.7mm                                    |
| <b>Length</b>                    | 100m                                     |
| <b>Insulation Wall Thickness</b> | 0.6mm                                    |
| <b>Size of Strands</b>           | 0.2mm                                    |
| <b>Diameter Over Insulation</b>  | Lower Limit: 2.20mm; Upper Limit: 2.70mm |

## Operation Environment Specifications

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

## Approvals

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

