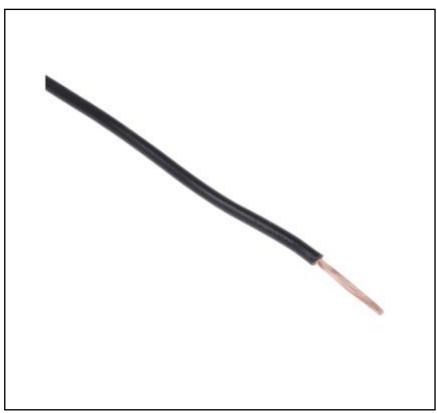


FEATURES

- PVC sheath material for insulation
- Various colours to choose from, including red, blue and green
- Sizes range from 0.5 mm² 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 Single Core x 0.75sqmm (Class 5 PCW), PVC Insulated, 300/500V, H05V-K

RS Stock No.: 361-642



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.

Hookup & Equipment Wire



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 | 24/0.192mm Plain Annealed Copper (Class 5 to IEC 60228) |
| Sheath Colour | Black |
| Insulation Material | PVC (Type TI1 to BS EN 50363) |
| 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 | 18AWG |
|----------------------|----------------------------|
| Core Strands | 24/0.2mm |
| Voltage Rating | 300/500V |
| Harmonised Code | H05V-K |
| Conductor Resistance | 26.0 Ω/km @ 20°C (Maximum) |



Mechanical Specifications

| Cross Sectional Area | 0.75mm ² |
|--------------------------------|--|
| Outer Diameter | 2.7mm |
| Length | 100m |
| Insulation Wall Thickness | 0.6mm |
| Conductor diameter (mm) | 24/0.20mm |
| Weight | 11.8 kg/km (Nominal) |
| Nominal diameter of insulation | 2.70mm (Maximum) |
| Diameter Over Insulation | Lower Limit: 2.20mm; Upper Limit: 2.70mm |

Operation Environment Specifications

| Maximum Operating Temperature | 70°C |
|-------------------------------|--------------|
| Temperature Range | -15 to +70°C |

Approvals

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

