chanhvinh.com

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 Black, Single Core x 2.5sqmm (Class 5 PCW), PVC Insulated, 450/750V, H07V-K, 100m

RS Stock No.: 361-850



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.

chanhvinh.com

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	48/0.245mm 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
Number of Strands	50
Cable Shape	Single core
Application	Circuit boards, Computer Internals, Vehicle lights, Mobile phones and other battery operated devices

Electrical Specifications

American Wire Gauge	13AWG
Core Strands	50/0.25mm
Voltage Rating	450/750V
Current Rating	2.5V
Harmonised Code	H07V-K
Conductor Resistance	7.98 Ω/km @ 20°C (Maximum)

Hookup & Equipment Wire

Mechanical Specifications

Cross Sectional Area	2.5mm^2
Outer Diameter	4.1mm
Length	100m
Insulation Wall Thickness	0.80mm (Nominal)
Size of Strands	0.25mm
Diameter Over Insulation	Lower Limit: 3.40mm ; Upper Limit: 4.10mm

Operation Environment Specifications

Temperature Range	-15 to +70°C

Approvals

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





