

Features

- Lower carbon footprint
- Manufactured using copper with <math><1.7\text{kg CO}_2/\text{kg}</math> as opposed to the global average of copper which is
- BASEC Approved
- UL Approved
- CSA Approved

RS PRO Hook Up Wire

RS Stock No.: 2567017



*Representative image colour will change

RS PRO 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

Manufactured using copper that has been validated and third party verified to ensure that the ratio of CO₂ per kg than the global average. Verified by Intertek and DNV with calculations in accordance with GHG protocol, the copper in this cable has a ratio of <1.7:1 (CO₂:Cu), compared to the global average which has a ratio of >4.5:1 (CO₂:Cu). Resulting in copper that has over 2.5 time less CO₂ impact than the global average.

These cables are intended for use in the wiring of switch, control, metering, relay and instrument panels of power switchgear, and for such purposes as internal connections in rectifier equipment and its motor starters and controllers. They are intended for use at alternating voltages not exceeded 600 V to earth, and direct voltages not exceeded 1000V to earth. When installed in the equipment they are suitable for wiring circuits for which the prescribed alternating test voltage does not exceed 4kV r.m.s for 1 minute.

By being approved to three international standards Tri-Rated cable is suitable for equipment installations required to meet both North American and European wiring regulations and codes of practice.

General Specifications

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|----------------------|--|
| Conductor | Flexible Plain Annealed Copper Class 5 |
| Insulation | Heat Resisting PVC |
| Insulation Colour | Black |
| Oil Resistance | This cable is recognised by CSA and UL as resistant to oil at temperatures up to 60°C |
| Standard | BS6231 Type CK UL 758 Appliance Wiring Material for Styles 1015, 1028, 1283 and 1284 where applicable. CSA C22.2, No.127, Type TEW |
| Number of conductors | 1 |
| Size of conductors | 0.75mm ² |

Mechanical Specifications

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|------------------------|---|
| Temperature Range | UL and CSA recognised as heat resisting with a maximum conductor operating temperature of 105°C. BS6231 specifies a maximum operating temperature of 90°C for continuous use. Annex A of BS6231 explains how under certain conditions these cables can operate at up to 105°C |
| Spread of flame | Tested to BS EN 60332-1-2, VW-1 and FT-1 |
| Minimum bending radius | 6 x diameter |

Electrical Specifications

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|------------------------|------------|
| Voltage Rating | 600/1000V |
| Maximum Current rating | 14 amperes |

Current Ratings Based On: Single conductor in free air. Ambient temperature of 35°C. Conductor temperature rise of 35°C.

Approvals

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|--|---|
| BASEC (British Approvals Service for Cables) | BS6231 Type CK |
| UL (Underwriters Laboratory) | Conforms to subject 758 Appliance Wiring Material for Styles 1015, 1028, 1283 and 1284 where applicable |
| CSA (Canadian Standards Association) | Complies with Standard C22.2, No.127, Type TEW |
| RoHS | RoHS Compliant |

Additional Information

| Stock No. | Brand | Product Name | Number and size of conductor | Length | Colour |
|-----------|--------|-------------------|------------------------------|--------|--------------|
| 2567013 | RS PRO | Low Carbon Copper | 1 x 0.5mm ² | 100m | Black |
| 2567014 | RS PRO | Low Carbon Copper | 1 x 0.5mm ² | 100m | Blue |
| 2567015 | RS PRO | Low Carbon Copper | 1 x 0.5mm ² | 100m | Red |
| 2567017 | RS PRO | Low Carbon Copper | 1 x 0.75mm ² | 100m | Black |
| 2567018 | RS PRO | Low Carbon Copper | 1 x 0.75mm ² | 100m | Blue |
| 2567019 | RS PRO | Low Carbon Copper | 1 x 0.75mm ² | 100m | Red |
| 2567020 | RS PRO | Low Carbon Copper | 1 x 1.0mm ² | 100m | Black |
| 2567021 | RS PRO | Low Carbon Copper | 1 x 1.0mm ² | 100m | Blue |
| 2567023 | RS PRO | Low Carbon Copper | 1 x 1.0mm ² | 100m | Brown |
| 2567024 | RS PRO | Low Carbon Copper | 1 x 1.0mm ² | 100m | Green/Yellow |
| 2567025 | RS PRO | Low Carbon Copper | 1 x 1.0mm ² | 100m | Red |
| 2567026 | RS PRO | Low Carbon Copper | 1 x 1.0mm ² | 100m | White |
| 2567027 | RS PRO | Low Carbon Copper | 1 x 1.5mm ² | 100m | Black |
| 2567028 | RS PRO | Low Carbon Copper | 1 x 1.5mm ² | 100m | Blue |
| 2567029 | RS PRO | Low Carbon Copper | 1 x 1.5mm ² | 100m | Brown |
| 2567030 | RS PRO | Low Carbon Copper | 1 x 1.5mm ² | 100m | Green/Yellow |
| 2567031 | RS PRO | Low Carbon Copper | 1 x 1.5mm ² | 100m | Red |
| 2567032 | RS PRO | Low Carbon Copper | 1 x 1.5mm ² | 100m | White |
| 2567033 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | Black |
| 2567034 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | Blue |

Hook Up Wire



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|---------|--------|-------------------|------------------------|------|--------------|
| 2567035 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | Brown |
| 2567036 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | Green/Yellow |
| 2567037 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | Grey |
| 2567038 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | Red |
| 2567039 | RS PRO | Low Carbon Copper | 1 x 2.5mm ² | 100m | White |