

## Features

- Lower carbon footprint
- Manufactured using copper with <1.7kg CO<sub>2</sub>/kg as opposed to the global average of copper which is >4.5kg CO<sub>2</sub> / kg
- BASEC Approved

## RS PRO Power Cable

RS Stock No.: 0606130



\*Representative image

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

Ordinary duty flexible cords are used where the risk of mechanical damage and mechanical stresses is normal, i.e. when cables are subject to low mechanical stresses in the areas of application, and the risk of mechanical damage is low, as is the case to be expected in the normal use of small to medium size equipment in domestic and commercial as well as in light industrial premises. Examples of appliances that use ordinary duty flexible cords include vacuum cleaners, toasters, washing machines, refrigerators, dryers and televisions.

Manufactured using copper that has been validated and third party verified to ensure that the ratio of CO<sub>2</sub> per kg is less 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 (CO<sub>2</sub>:Cu), compared to the global average which has a ratio of >4.5:1 (CO<sub>2</sub>:Cu). Resulting in copper that has over 2.5 time less CO<sub>2</sub> impact than the global average.

## General Specifications

|                      |                                                         |
|----------------------|---------------------------------------------------------|
| Conductor            | Flexible Plain Annealed Copper Class 5 to BS EN 60228   |
| Insulation           | PVC Type TI2 to BS EN 50363-3                           |
| Sheath               | PVC Type TM2 to BS EN 50363-4-1                         |
| Sheath Colour        | White                                                   |
| Standard             | Manufactured to BS EN 50525-2-11 Clause 4.2, Table B.2. |
| Number of Conductors | 2                                                       |
| Size of Conductors   | 2.5mm <sup>2</sup>                                      |

## Mechanical Specifications

|                        |                                                                            |
|------------------------|----------------------------------------------------------------------------|
| Temperature Range      | Minimum Operating Temperature -15°C<br>Maximum Operating Temperature +70°C |
| Minimum Bending Radius | 6 x Diameter                                                               |

## Electrical Specifications

|                 |                                                      |
|-----------------|------------------------------------------------------|
| Voltage Rating  | 300/500V                                             |
| Current Ratings | Refer to table 4F3 of BS7671 IET Wiring Regulations. |

## Approvals

|                       |                                              |
|-----------------------|----------------------------------------------|
| Third Party Approvals | BASEC (British Approvals Service for Cables) |
| RoHS                  | RoHS Compliant                               |

## Similar Products

| Stock No. | Brand  | Product Name    | Number & size of conductor | Length | Colour |
|-----------|--------|-----------------|----------------------------|--------|--------|
| 0606059   | RS PRO | H05VV-F / 3182Y | 2 x 0.75mm <sup>2</sup>    | 50m    | Black  |
| 0606060   | RS PRO | H05VV-F / 3182Y | 2 x 0.75mm <sup>2</sup>    | 100m   | Black  |
| 0606061   | RS PRO | H05VV-F / 3182Y | 2 x 0.75mm <sup>2</sup>    | 50m    | White  |
| 0606062   | RS PRO | H05VV-F / 3182Y | 2 x 0.75mm <sup>2</sup>    | 100m   | White  |
| 0606063   | RS PRO | H05VV-F / 3182Y | 2 x 1.0mm <sup>2</sup>     | 50m    | Black  |
| 0606064   | RS PRO | H05VV-F / 3182Y | 2 x 1.0mm <sup>2</sup>     | 100m   | Black  |
| 0606065   | RS PRO | H05VV-F / 3182Y | 2 x 1.0mm <sup>2</sup>     | 50m    | White  |
| 0606066   | RS PRO | H05VV-F / 3182Y | 2 x 1.0mm <sup>2</sup>     | 100m   | White  |
| 0606126   | RS PRO | H05VV-F / 3182Y | 2 x 1.5mm <sup>2</sup>     | 50m    | Black  |
| 0606127   | RS PRO | H05VV-F / 3182Y | 2 x 1.5mm <sup>2</sup>     | 100m   | Black  |
| 0606128   | RS PRO | H05VV-F / 3182Y | 2 x 1.5mm <sup>2</sup>     | 50m    | White  |
| 0606129   | RS PRO | H05VV-F / 3182Y | 2 x 1.5mm <sup>2</sup>     | 100m   | White  |
| 0606130   | RS PRO | H05VV-F / 3182Y | 2 x 2.5mm <sup>2</sup>     | 50m    | White  |
| 0606132   | RS PRO | H05VV-F / 3182Y | 2 x 2.5mm <sup>2</sup>     | 100m   | White  |
| 0606133   | RS PRO | H05VV-F / 3183Y | 3 x 0.75mm <sup>2</sup>    | 50m    | Black  |
| 0606134   | RS PRO | H05VV-F / 3183Y | 3 x 0.75mm <sup>2</sup>    | 100m   | Black  |
| 0606135   | RS PRO | H05VV-F / 3183Y | 3 x 0.75mm <sup>2</sup>    | 50m    | White  |
| 0606136   | RS PRO | H05VV-F / 3183Y | 3 x 0.75mm <sup>2</sup>    | 100m   | White  |
| 0606137   | RS PRO | H05VV-F / 3183Y | 3 x 1.0mm <sup>2</sup>     | 50m    | Black  |
| 0606138   | RS PRO | H05VV-F / 3183Y | 3 x 1.0mm <sup>2</sup>     | 100m   | Black  |
| 0606139   | RS PRO | H05VV-F / 3183Y | 3 x 1.0mm <sup>2</sup>     | 50m    | White  |
| 0606140   | RS PRO | H05VV-F / 3183Y | 3 x 1.0 mm <sup>2</sup>    | 100m   | White  |
| 0606141   | RS PRO | H05VV-F / 3183Y | 3 x 1.5mm <sup>2</sup>     | 50m    | Black  |
| 0606142   | RS PRO | H05VV-F / 3183Y | 3 x 1.5mm <sup>2</sup>     | 100m   | Black  |

|         |        |                  |                         |      |       |
|---------|--------|------------------|-------------------------|------|-------|
| 0606143 | RS PRO | H05VV-F / 3183Y  | 3 x 1.5mm <sup>2</sup>  | 50m  | White |
| 0606144 | RS PRO | H05VV-F / 3183Y  | 3 x 1.5mm <sup>2</sup>  | 100m | White |
| 0606145 | RS PRO | H05VV-F / 3183Y  | 3 x 2.5mm <sup>2</sup>  | 50m  | Black |
| 0606146 | RS PRO | H05VV-F / 3183Y  | 3 x 2.5mm <sup>2</sup>  | 100m | Black |
| 0606148 | RS PRO | H05VV-F / 3183Y  | 3 x 2.5mm <sup>2</sup>  | 50m  | White |
| 0606149 | RS PRO | H05VV-F / 3183Y  | 3 x 2.5mm <sup>2</sup>  | 100m | White |
| 0606150 | RS PRO | H05VV-F / 3184Y  | 4 x 0.75mm <sup>2</sup> | 50m  | Black |
| 0606151 | RS PRO | H05VV-F / 3184Y  | 4 x 0.75mm <sup>2</sup> | 100m | Black |
| 0606152 | RS PRO | H05VV-F / 3184Y  | 4 x 0.75mm <sup>2</sup> | 50m  | White |
| 0606154 | RS PRO | H05VV-F / 3184Y  | 4 x 0.75mm <sup>2</sup> | 100m | White |
| 0606155 | RS PRO | H05VV-F / 3184Y  | 4 x 1.0mm <sup>2</sup>  | 50m  | Black |
| 0606156 | RS PRO | H05VV-F / 3184Y  | 4 x 1.0mm <sup>2</sup>  | 100m | Black |
| 0606157 | RS PRO | H05VV-F / 3184Y  | 4 x 1.0mm <sup>2</sup>  | 50m  | White |
| 0606158 | RS PRO | H05VV-F / 3184Y  | 4 x 1.0mm <sup>2</sup>  | 100m | White |
| 0606067 | RS PRO | H05VV-F / 3184Y  | 4 x 1.5mm <sup>2</sup>  | 50m  | Black |
| 0606069 | RS PRO | H05VV-F / 3184Y  | 4 x 1.5mm <sup>2</sup>  | 100m | Black |
| 0606070 | RS PRO | H05VV-F / 3184Y  | 4 x 1.5mm <sup>2</sup>  | 50m  | White |
| 0606071 | RS PRO | H05VV-F / 3184Y  | 4 x 1.5mm <sup>2</sup>  | 100m | White |
| 0606072 | RS PRO | H05VV-F / 3184Y  | 4 x 2.5mm <sup>2</sup>  | 50m  | Black |
| 0606073 | RS PRO | H05VV-F / 3184Y  | 4 x 2.5mm <sup>2</sup>  | 100m | Black |
| 0606075 | RS PRO | H05VV-F / 3184Y  | 4 x 2.5mm <sup>2</sup>  | 50m  | White |
| 0606076 | RS PRO | H05VV-F / 3184Y  | 4 x 2.5mm <sup>2</sup>  | 100m | White |
| 0606077 | RS PRO | H05VV-F / H3185Y | 5 x 0.75mm <sup>2</sup> | 50m  | Black |
| 0606078 | RS PRO | H05VV-F / H3185Y | 5 x 0.75mm <sup>2</sup> | 100m | Black |
| 0606079 | RS PRO | H05VV-F / H3185Y | 5 x 0.75mm <sup>2</sup> | 50m  | White |
| 0606081 | RS PRO | H05VV-F / H3185Y | 5 x 0.75mm <sup>2</sup> | 100m | White |
| 0606082 | RS PRO | H05VV-F / H3185Y | 5 x 1.0mm <sup>2</sup>  | 50m  | Black |
| 0606083 | RS PRO | H05VV-F / H3185Y | 5 x 1.0mm <sup>2</sup>  | 100m | Black |
| 0606084 | RS PRO | H05VV-F / H3185Y | 5 x 1.0mm <sup>2</sup>  | 50m  | White |
| 0606085 | RS PRO | H05VV-F / H3185Y | 5 x 1.0mm <sup>2</sup>  | 100m | White |
| 0606086 | RS PRO | H05VV-F / H3185Y | 5 x 1.5mm <sup>2</sup>  | 50m  | Black |
| 0606087 | RS PRO | H05VV-F / H3185Y | 5 x 1.5mm <sup>2</sup>  | 100m | Black |
| 0606088 | RS PRO | H05VV-F / H3185Y | 5 x 1.5mm <sup>2</sup>  | 50m  | White |
| 0606089 | RS PRO | H05VV-F / H3185Y | 5 x 1.5mm <sup>2</sup>  | 100m | White |

|         |        |                  |                        |      |       |
|---------|--------|------------------|------------------------|------|-------|
| 0606090 | RS PRO | H05VV-F / H3185Y | 5 x 2.5mm <sup>2</sup> | 50m  | Black |
| 0606091 | RS PRO | H05VV-F / H3185Y | 5 x 2.5mm <sup>2</sup> | 100m | Black |
| 0606092 | RS PRO | H05VV-F / H3185Y | 5 x 2.5mm <sup>2</sup> | 50m  | White |
| 0606093 | RS PRO | H05VV-F / H3185Y | 5 x 2.5mm <sup>2</sup> | 100m | White |

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories