

## Features

- Heat resisting flexible cord
- 90°C operating temperature
- 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.: 0606112



\*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

Heat resisting 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 heat resisting ordinary duty flexible cords are portable tools, immersion heaters, washing machines, cookers and refrigerators, especially in higher temperature zones.

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 TI3 to BS EN 50363-3
Sheath	PVC Type TM3 to BS EN 50363-4-1
Sheath Colour	White
Standard	Manufactured to BS EN 50525-2-11 Clause 5.2, Table B.2.
Number of conductors	3
Size of conductors	1.0mm <sup>2</sup>

## Mechanical Specifications

Temperature Range	Minimum Operating temperature -15°C Maximum Operating temperature +90°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
0606108	RS PRO	H05V2V2-F / 3092Y	2 x 0.75mm <sup>2</sup>	50m	White
0606109	RS PRO	H05V2V2-F / 3092Y	2 x 0.75mm <sup>2</sup>	100m	White
0606110	RS PRO	H05V2V2-F / 3092Y	3 x 0.75mm <sup>2</sup>	50m	White
0606111	RS PRO	H05V2V2-F / 3092Y	3 x 0.75mm <sup>2</sup>	100m	White
0606112	RS PRO	H05V2V2-F / 3092Y	3 x 1.0mm <sup>2</sup>	50m	White
0606113	RS PRO	H05V2V2-F / 3092Y	3 x 1.0mm <sup>2</sup>	100m	White
0606114	RS PRO	H05V2V2-F / 3092Y	3 x 1.5mm <sup>2</sup>	50m	White
0606115	RS PRO	H05V2V2-F / 3092Y	3 x 1.5mm <sup>2</sup>	100m	White
0606116	RS PRO	H05V2V2-F / 3092Y	3 x 2.5mm <sup>2</sup>	50m	White
0606117	RS PRO	H05V2V2-F / 3092Y	3 x 2.5mm <sup>2</sup>	100m	White
0606118	RS PRO	H05V2V2-F / 3092Y	4 x 0.75mm <sup>2</sup>	50m	White
0606120	RS PRO	H05V2V2-F / 3092Y	4 x 0.75mm <sup>2</sup>	100m	White
0606121	RS PRO	H05V2V2-F / 3092Y	4 x 1.0mm <sup>2</sup>	50m	White
0606122	RS PRO	H05V2V2-F / 3092Y	4 x 1.0mm <sup>2</sup>	100m	White
0606123	RS PRO	H05V2V2-F / 3092Y	5 x 0.75mm <sup>2</sup>	50m	White
0606124	RS PRO	H05V2V2-F / 3092Y	5 x 0.75mm <sup>2</sup>	100m	White

Connection Diagrams / Assembly Diagrams / Illustrations / Accessories