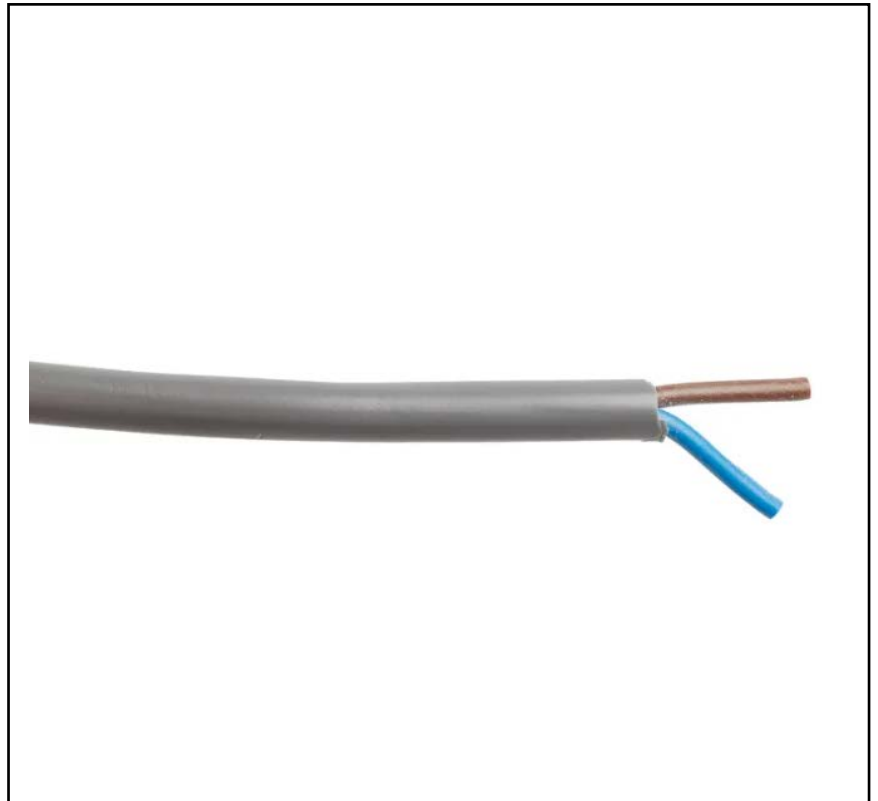


## FEATURES

- Low cost
- Excellent insulation properties
- Flexible
- Stable, robust and durable
- Oil resistant

## RS PRO 2 Core x 0.5sqmm (Class 5 PCW), PVC Insulated,PVC Sheathed, 300/300V, H03VV-F.

RS Stock No.: 491-863



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

From RS PRO a high-quality BASEC approved light duty harmonised H03VVH2-F flexible mains power cable with PVC insulation and a PVC jacket. This mains cable has a voltage rating of 300/300V and is designed for use indoors for wiring in mobile and lightweight household and office applications

## General Specifications

<b>Type</b>	2182Y
<b>Harmonised Code</b>	H03VV-F
<b>Sheath Material</b>	PVC (Type TM2 to BS EN 50363)
<b>Sheath Colour</b>	Grey
<b>Core Colour</b>	Blue, Brown
<b>Applications</b>	Computer and office equipment, Kitchen appliances such as toasters, Household appliances such as vacuum cleaners and washing machines, Radios and music centres, Table lamps and floor lamps, Hair dryers, Electrical cooking or heating apparatus

## Electrical Specifications

<b>Current Rating</b>	3A
<b>Voltage Rating</b>	300/300V
<b>Insulation Material</b>	PVC (Type TM2 to BS EN 50363)
<b>Conductor Material</b>	16/0.192mm Plain Annealed Copper (Class 5 to IEC 60228)
<b>Conductor Resistance</b>	39.0 $\Omega$ /km @ 20°C (Maximum)

## Mechanical Specifications

<b>Length</b>	100m
<b>Cross Sectional Area</b>	0.5 mm <sup>2</sup>
<b>American Wire Gauge</b>	20AWG
<b>Outer Diameter</b>	5.9mm
<b>Number of Cores</b>	2
<b>Number of Strands</b>	16
<b>Size of Strands</b>	0.2mm
<b>Core Strands</b>	16/0.2mm
<b>Conductor Strand Type</b>	Stranded
<b>Diameter Over Sheath</b>	Lower Limit: 4.60mm; Upper Limit: 5.90mm
<b>Insulation Radial Thickness</b>	0.50mm (Nominal)
<b>Sheath Radial Thickness</b>	0.60mm (Nominal)
<b>Cable Weight</b>	38kg/km

## Operation Environment Specifications

<b>Operating Temperature Range</b>	-15°C to +70°C
<b>Minimum Operating Temperature</b>	-15°C
<b>Maximum Operating Temperature</b>	+70°C

## Approvals

<b>Compliance/Certifications</b>	BASEC
<b>Standards Met</b>	BS EN 50525-2-11 Section 4.1 Table B.1

