

## FEATURES

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

## RS PRO 3 Core x 0.75sqmm (Class 5 PCW), PVC Insulated, PVC Sheathed, 300/500V, H05VV-F

RS Stock No.: 491-835



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 medium duty H05VV-F harmonised flexible mains power cable with PVC insulation and a PVC jacket. This flexible cable has a voltage rating of 300 to 500 V and is designed for use in medium duty domestic and office applications.

## General Specifications

<b>Type</b>	3183Y
<b>Harmonised Code</b>	H05VV-F
<b>Sheath Material</b>	PVC (Type TM2 to BS EN 50363)
<b>Sheath Colour</b>	Black
<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>	6A
<b>Voltage Rating</b>	300/500V
<b>Insulation Material</b>	PVC (Type TI2 to BS EN 50363)
<b>Conductor Material</b>	24/0.192mm Plain Annealed Copper (Class 5 to IEC 60228)
<b>Conductor Resistance</b>	26.0 $\Omega$ /km @ 20°C (Maximum)

## Mechanical Specifications

<b>Length</b>	100m
<b>Cross Sectional Area</b>	0.75 mm <sup>2</sup>
<b>American Wire Gauge</b>	18AWG
<b>Outer Diameter</b>	6.65±0.1mm
<b>Number of Cores</b>	3
<b>Number of Strands</b>	24
<b>Size of Strands</b>	0.2mm
<b>Core Strands</b>	24/0.2mm
<b>Conductor Strand Type</b>	Stranded
<b>Insulation Radial Thickness</b>	0.60mm (Nominal)
<b>Sheath Radial Thickness</b>	0.80mm (Nominal)
<b>Diameter Over Sheath</b>	Lower Limit: 6.00mm;

## 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 4.2 Table B.2

