

FEATURES

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

RS PRO 2 Core x 1.0sqmm (Class 5 PCW), PVC Insulated, PVC Sheathed, 300/500V, H05VV-F.

RS Stock No.: 492-014



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

Type	3182Y
Harmonised Code	H05VV-F
Sheath Material	Polyvinyl Chloride PVC
Sheath Colour	Black
Applications	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

Current Rating	10A
Voltage Rating	300/500V
Insulation Material	PVC (Type T12 to BS EN 50363)
Conductor Material	32/0.192mm Plain Annealed Copper (Class 5 to IEC 60228)
Conductor Resistance	19.5 Ω /km @ 20°C (Maximum)

Mechanical Specifications

Length	100m
Cross Sectional Area	1 mm ²
American Wire Gauge	17AWG
Outer Diameter	7.5mm
Number of Cores	2
Number of Strands	32
Size of Strands	0.2mm
Core Strands	32/0.2mm
Conductor Strand Type	Stranded
Diameter Over Sheath	Lower Limit: 5.90mm; Upper Limit: 7.50mm
Sheath Radial Thickness	0.60mm (Nominal)
Insulation Radial Thickness	0.50mm (Nominal)

Operation Environment Specifications

Operating Temperature Range	-15 to +70°C
Minimum Operating Temperature	-15°C
Maximum Operating Temperature	+70°C

Approvals

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



