

## Datasheet

# RS Pro 4 Core Black Unscreened TRS Stranded, CPE Sheath Multicore Mains Power Cable H05RR-F, 1 mm<sup>2</sup> CSA 10 A 100m

RS Stock No: **863-4020**



## Product Details

RS Pro 4 core unscreened CPE sheath multi-core mains power cable in black colour, is 100 m long with 1 mm<sup>2</sup> cross sectional area. This TRS stranded power cable has a current rating of 10 A and voltage rating of 300 and 500 V. The flexible power cable is suitable for connecting electrical appliances in households and offices where there is minimal physical damage expected and there is low to medium exposure to mechanical stress. The power cable meets BS EN 60228, BS EN 50363, RoHS, CE, VDE 0282, VDE 0472 and GB/T5013 standards.

## Features and Benefits

- EPDM core insulation
- CPE black jacket
- Smooth surface
- Flexible copper conductor
- Rubber insulation

**Specifications:**

American Wire Gauge	17 AWG
Cable Shape	Multicore
Conductor Material	Copper
Conductor Resistance	19.5 $\Omega$ /km
Conductor Strand Type	Stranded
Core Strands	32/0.19 mm
Cross Sectional Area	1 mm <sup>2</sup>
Current Rating	10 A
Drain Wire	No
Filler Material	Cotton Yarn
Harmonised Code	H05RR-F
Insulation Material	EPDM
Length	100 m
Maximum Operating Temperature	+60°C
Minimum Operating Temperature	-25°C
Number of Cores	4
Number of Strands	32
Operating Temperature Range	-25 to +60°C
Outer Diameter	7.4 to 7.8 mm
Reel Length	100 m
Screened/Unscreened	Unscreened
Sheath Colour	Black
Sheath Material	CPE
Size of Strands	0.19 mm
Standards Met	BS EN 60228, BS EN 50363, CE, VDE 0282, VDE 0472, GB/T5013, RoHS Compliant
Type	TRS
Voltage Rating	300 V, 500 V



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