

## FEATURES

- 1.8 m cable length
- 0.129mm<sup>2</sup> (26 AWG) cable CSA
- Non-terminated one end for customer installations
- Overmold to protect the connection junction, provide insulation and prevent the wire from bending at the solder joints

# RS PRO 1.8m Power Cable, 2.5 mm Plug Lead to Unterminated, 1 A, 12 V

RS Stock No.: 656-3822



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 DC adapter cable assembly for connecting a DC (direct current) source such as a power supply to an electrical device or for making a connection between two DC devices. This DC power cable assembly has a DC power connector on one end and the other end is unterminated to allow direct soldering into equipment. DC power cable assemblies are typically used to power small to medium appliances

## General Specifications

<b>Connector A</b>	2.5 mm Plug Lead
<b>Connector B</b>	Unterminated
<b>Sheath Colour</b>	Black
<b>Connector A Type</b>	IEC
<b>Mains Plug Type</b>	CEE 7/7 German Schuko / French
<b>Mains Socket Type</b>	IEC 60320 C13
<b>Connector B Type</b>	CEE 7/16
<b>Fire Behaviour</b>	Low Smoke Zero Halogen (LSHZ)
<b>Outer Sheath Material</b>	PVC
<b>Connector A Angle</b>	Straight
<b>Connector B Angle</b>	Right Angle
<b>Connector A Gender</b>	Female
<b>Connector B Gender</b>	Male
<b>Terminals</b>	Brass
<b>Conductor</b>	3 Wire
<b>Applications</b>	DIY and home improvements Maintenance work Household entertainment (TVs, satellite boxes, routers etc.) Industrial machines and equipment Office desks (Monitors, computers, phones) Any electrical device needed to be powered by the mains, Cassette recorders, Battery/mains operated radios, Battery chargers, Laptop computer power supplies, Video game consoles

### Electrical Specifications

<b>Current Rating</b>	1A
<b>Voltage Rating</b>	12V
<b>Insulation Resistance</b>	>10MΩ
<b>Cable Retention</b>	0.5mm <sup>2</sup> -1mm <sup>2</sup> >30N 1.25mm <sup>2</sup> -1.5mm <sup>2</sup> >60N
<b>Electrical Strength</b>	2.5kV 50Hz
<b>Safety Test</b>	4.4kV 50Hz
<b>Capacitance</b>	95.08pF/m
<b>Inductance</b>	0.43μH/m

### Mechanical Specifications

<b>Length</b>	1.8m
<b>Cross Sectional Area</b>	7mm
<b>Weight</b>	175g
<b>Withdrawal Force</b>	10N-50N
<b>Gauge</b>	1mm <sup>2</sup>
<b>Copper Wire Stranding</b>	48 Strands of 0.202mm <sup>2</sup>

### Operation Environment Specifications

<b>Maximum Pin Temperature</b>	65°C
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### Approvals

<b>Compliance/Certifications</b>	CE / UR / cUR
<b>Standards Met</b>	IEC 60320 C13

