

## FEATURES

- Straight body male SMA coaxial connector
- Sub-miniature size
- Cable mounting
- Characteristic impedance of 50 $\Omega$
- Hexagonal shape for easy tightening and loosening
- Normal polarity
- Operating frequency up to 12.4GHz
- Voltage rating of 500V
- Operating temperature range of -65°C to +165°C
- Crimp termination method
- For use with RG58A cables
- Fitted with gold-plated brass body and centre contact
- Suitable for applications including Wi-Fi equipment

# RS PRO 50 $\Omega$ Straight Cable Mount SMA Connector, Plug, RG58A

RS Stock No.: 546-3204



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

Use this handy SMA connector plug from RS PRO next time you need to transmit data in the home or workplace. It's designed for linking two coax (also called coaxial) cables together – they're the wires that send radio-frequency (RF) signals from one place to another. These type of SMA (sub miniature version A) connectors are suitable for a wide range of RF applications, including Wi-Fi equipment, mobile telephone antennas and microwave systems.

### General Specifications

<b>Coaxial Connector Type</b>	SMA Connector
<b>Gender</b>	Male
<b>Mounting Type</b>	Cable Mount
<b>Termination Method</b>	Solder
<b>Body Orientation</b>	Straight
<b>Cable Type</b>	RG58A
<b>Size</b>	Sub miniature
<b>Bulkhead</b>	No
<b>Body Plating</b>	Gold
<b>Contact Material</b>	Brass
<b>Contact Plating</b>	Gold
<b>Body Material</b>	Brass
<b>Type</b>	SMA
<b>Insulation Material</b>	Teflon
<b>Applications</b>	Antennas; Industrial; Wireless; Broadband; Military

### Electrical Specifications

<b>Impedance</b>	50Ω
<b>Polarity</b>	Normal
<b>Operating Frequency</b>	0GHz to 12.4GHz
<b>VSWR (Voltage Standing Wave Ratio)</b>	1.274
<b>Voltage Rating</b>	500VAC

## Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-65°C
<b>Maximum Operating Temperature</b>	165°C

## Approvals

<b>Standard Met</b>	RoHS Compliant
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