

## FEATURES

- Right-angle SMA connector
- Cable mounting
- Characteristic impedance of 50 $\Omega$
- Gold body plating and centre contact
- Normal polarity
- Suitable for use with a variety of RF coaxial cables
- Operating frequency up to 6GHz
- Subminiature size
- Crimp termination method
- Suitable for applications including Wi-Fi equipment

# RS PRO 50 $\Omega$ Right Angle Cable Mount SMA Connector, Plug, RG174

RS Stock No.: 546-3248



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

This male SMA connector from our flagship RS PRO range is a sub-miniature radio frequency (RF) connector that can be used to join coaxial cables together. This connector has an operating frequency of 6 GHz and accepts mostly small cables.

Coaxial cables (or coax cables) are used to transmit RF signals in homes and business. They're commonly found in microwave systems, mobile telephone antennas and Wi-Fi networks. When paired with a female receptacle, this cable mount SMA connector allows you to join two coax cables together. It has a right-angle body, which is great for hard-to-reach areas.

### General Specifications

<b>Coaxial Connector Type</b>	SMA Connector
<b>Gender</b>	Male
<b>Mounting Type</b>	Cable Mount
<b>Termination Method</b>	Crimp
<b>Body Orientation</b>	Right Angle
<b>Cable Type</b>	RG174
<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>	6GHz
<b>VSWR (Voltage Standing Wave Ratio)</b>	1.21 at 3GHz
<b>Voltage Rating</b>	500V

## Operation Environment Specifications

Minimum Operating Temperature	-65°C
Maximum Operating Temperature	165°C

## Approvals

Standard Met	RoHS Compliant
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