

FEATURES

- Straight body SMA connector
- Cable mounting
- Characteristic impedance of 50Ω
- Hexagonal shape for easy tightening and loosening
- Normal polarity
- Operating frequency up to 6GHz
- Fitted with gold body and contact plating
- Suitable for use with a variety of RF coaxial cable types
- Suitable for applications including Wi-Fi equipment
- Crimp termination method

RS PRO 50Ω Straight Cable Mount SMA Connector, Plug, RG174U

RS Stock No.: 546-3210



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 tried-and-tested RS PRO range is a sub-miniature radio-frequency (RF) connector that can be used to join a variety of coaxial cables together.

Coaxial cables (or coax cables) transmit RF signals from one point to another. You'll find them used in microwave systems, mobile telephone antennas and Wi-Fi networks. When joined with a female connector, this cable mount SMA connector allows you to link two coax cables together, offering reliable data transmission in the home or workplace.

General Specifications

Coaxial Connector Type	SMA Connector
Gender	Male
Mounting Type	Cable Mount
Termination Method	Crimp
Body Orientation	Straight
Cable Type	RG174U
Size	Sub miniature
Bulkhead	No
Body Plating	Gold
Contact Material	Brass
Contact Plating	Gold
Body Material	Brass
Type	SMA
Insulation Material	Teflon
Applications	Antennas; Industrial; Wireless; Broadband; Military

Electrical Specifications

Impedance	50Ω
Polarity	Normal
Operating Frequency	6GHz
VSWR (Voltage Standing Wave Ratio)	1.21
Voltage Rating	250V

Operation Environment Specifications

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

Approvals

Standard Met	RoHS Compliant
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