

FEATURES

- Straight body male SMA connector
- Cable mounting
- Termination via solder
- Characteristic impedance of 50Ω
- Operating frequency of 0 to 12.4GHz or 0 to 18GHz depending on class
- Normal polarity
- Suitable for use with small cables
- Gold plated contacts
- Designed to provide high frequency performance at high power ratings in small diameters

RS PRO 50Ω Straight Cable Mount SMA Connector, Plug, RG405

RS Stock No.: 546-3080



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 the 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 and are found in both the home and the workplace to facilitate broadband, video and TV connections. When paired with a female receptacle, this straight cable-mount SMA connector allows you to join two coax cables together for high-quality data transmission.

General Specifications

Coaxial Connector Type	SMA Connector
Gender	Male
Mounting Type	Cable Mount
Termination Method	Solder
Body Orientation	Straight
Cable Type	RG405
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	0GHz to 12.4GHz, 0GHz to 18GHz
VSWR (Voltage Standing Wave Ratio)	1.214 Max
Voltage Rating	450VAC/DC

Operation Environment Specifications

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

Approvals

Standard Met	RoHS Compliant
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