

FEATURES

- Straight body female SMA connector
- Flange mounting
- Characteristic impedance of 50Ω
- Operating frequency
- Normal polarity
- Stub contact with captive contact form
- Gold body and contact plating
- Subminiature size
- Gold plated body with beryllium copper contacts

RS PRO 50Ω Straight Flange Mount SMA Connector, jack, RG402/U, RG405/U

RS Stock No.: 546-3181



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 female SMA receptacle from the RS PRO range is a sub-miniature radio frequency (RF) connector that can be used to join small coaxial cables together.

Coaxial cables (or coax cables) transmit RF signals from one point to another and are commonly found in homes and business to transmit signals between mobile telephone antennas and Wi-Fi networks. When used with a male connector, this flange mount SMA receptacle allows you to join two coax cables together quickly and easily.

General Specifications

Coaxial Connector Type	SMA Connector
Gender	Female
Mounting Type	Flange Mount
Termination Method	Solder
Body Orientation	Straight
Cable Type	RG402/U, RG405/U
Size	Subminiature
Bulkhead	No
Body Plating	Gold
Contact Material	Beryllium Copper
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 18GHz
VSWR (Voltage Standing Wave Ratio)	1.23 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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