

## SMP Female to SMA Male Cable RG-405 Coax in 12 Inch

The SMP female to SMA male 12 inch cable using RG-405 coax, part number SCA63086-12, from Fairview Microwave is in-stock and ships same day. This Fairview SMP to SMA cable assembly has a female to male gender configuration with 50 ohm flexible RG-405 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA63086-12 SMP female to SMA male cable assembly operates to 18 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz

### Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	18					GHz
Return Loss (Max.)	20					dB

### Mechanical Specifications

#### Cable Assembly

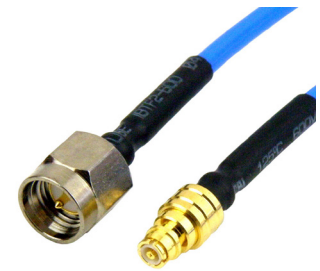
Length\* 12 in [304.8 mm]  
 Weight 0.02249 lbs [10.2 g]

#### Cable

Cable Type RG-405  
 Impedance 50 Ohms  
 Dielectric Type PTFE

### Connectors

Description	Connector 1	Connector 2
Type	SMP Female	SMA Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Body Material & Plating	Gold	Passivated Stainless Steel
Coupling Nut Material & Plating		Passivated Stainless Steel



### Configuration:

- SMP Female
- SMA Male
- RG-405

### Features:

- Max Frequency 18 GHz

### Applications:

- General Purpose
- Laboratory Use

Fairview Microwave  
 301 Leora Ln., Suite 100  
 Lewisville, TX 75056  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**SCA63086 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

Example: SCA63086-12 = 12 inches long cable  
SCA63086-100cm = 100 cm long cable

SMP Female to SMA Male Cable RG-405 Coax in 12 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [SMP Female to SMA Male Cable RG-405 Coax in 12 Inch SCA63086-12](#)

URL: <https://www.fairviewmicrowave.com/smp-female-sma-male-cable-rg-405-coax-sca63086-12-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.