

## SMA Male to SSMC Jack Cable RG-316 Coax in 12 Inch

The SMA male to SSMC jack 12 inch cable using RG-316 coax, part number SCA31316-12, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SSMC cable assembly has a male to jack gender configuration with 50 ohm flexible RG316 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The SCA31316-12 SMA male to SSMC jack cable assembly operates to 3 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		3	GHz
VSWR			1.15:1	

### Mechanical Specifications

#### Cable Assembly

Length\* 12 in [304.8 mm]  
 Weight 0.02 lbs [9.07 g]

#### Cable

Cable Type RG316  
 Impedance 50 Ohms  
 Dielectric Type PTFE

#### Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SSMC Jack
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Body Material & Plating		Brass, Gold
Body Plating Spec.		MIL-G-45204
Coupling Nut Material & Plating		Brass, Gold

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

### Plotted and Other Data

Notes:



### Configuration:

- SMA Male
- SSMC Jack
- RG316

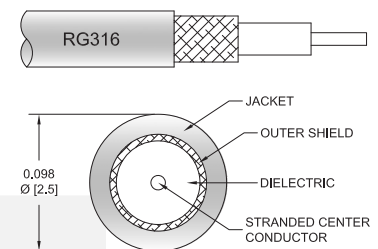
### Features:

- Max Frequency 3 GHz

### Applications:

- General Purpose
- Laboratory Use

### Cable Diagram:

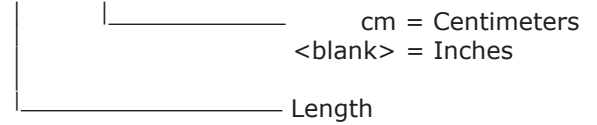


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**How to Order**

Part Number Configuration:

**SCA31316 - xx uu**



Example: SCA31316-12 = 12 inches long cable  
SCA31316-100cm = 100 cm long cable

SMA Male to SSMC Jack Cable RG-316 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: [SMA Male to SSMC Jack Cable RG-316 Coax in 12 Inch SCA31316-12](#)

URL: <https://www.fairviewmicrowave.com/sma-male-ssmc-jack-cable-rg316-coax-sca31316-12-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.