

## RA SMA Male to RA SMA Male Cable RG-316 Coax

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.35:1	
Velocity of Propagation		70		%
Capacitance	32 [104.99]			pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Weight

0.02116 lbs [9.6 g]

#### Cable

Cable Type

RG-316

Impedance

50 Ohms

Inner Conductor Type

Solid

Inner Conductor Material and Plating

Copper, Silver

Dielectric Type

PTFE

Number of Shields

1

Shield Layer 1

Silver Plated Copper Braid

Jacket Material

FEP, Black

Jacket Diameter

0.098 in [2.49 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Configuration	Right Angle	Right Angle
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50μ in. minimum	50μ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	5/16 inch
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100μ in. minimum	100μ in. minimum

### Environmental Specifications

#### Temperature

Operating Range

-65 to +165 deg C

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

### Plotted and Other Data

Notes:

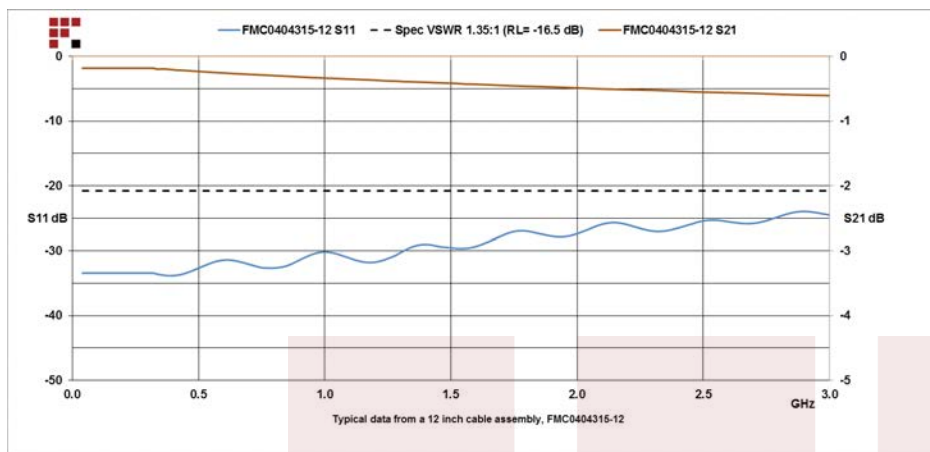


### Configuration:

- SMA Male Right Angle
- SMA Male Right Angle
- RG-316

Fairview Microwave  
1130 Junction Dr. #100  
Allen, TX 75013  
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)

## Typical Performance Data



## How to Order

Part Number Configuration:

**FMC0404315 - xx uu**

cm = Centimeters

<blank> = Inches

Length

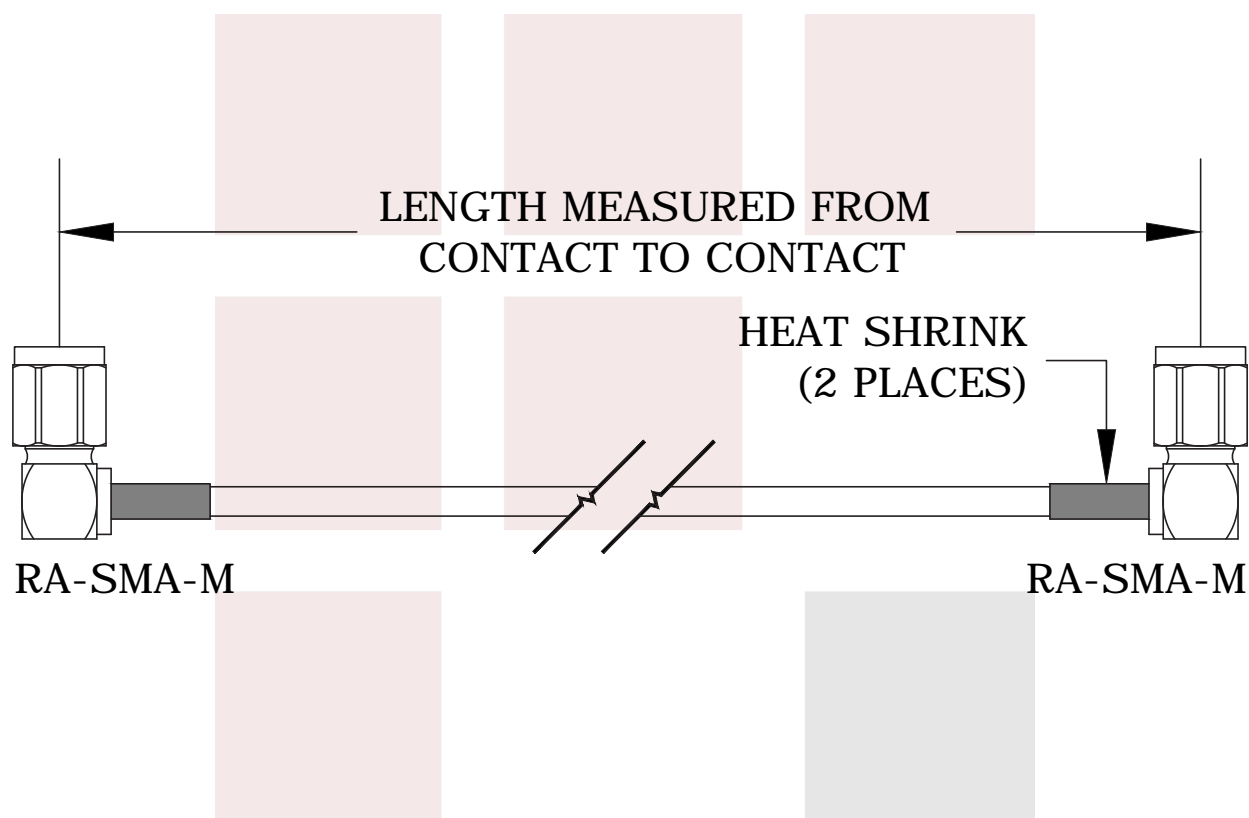
Example: FMC0404315-12 = 12 inches long cable  
FMC0404315-100cm = 100 cm long cable

RA SMA Male to RA SMA Male Cable RG-316 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [RA SMA Male to RA SMA Male Cable RG-316 Coax FMC0404315](#)

URL: <https://www.fairviewmicrowave.com/ra-sma-male-ra-sma-male-cable-rg316-coax-fmc0404315-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.



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TITLE RA SMA Male to RA SMA Male Cable RG-316 Coax		DWG NO <b>FMC0404315</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568