

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

### Electrical Specifications

Frequency Range	DC to 3 GHz
Impedance	50 Ohms
Velocity of Propagation	70 %

### Mechanical Specifications

#### Temperature

Temperature Operating Range	-65 to +165 deg C
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#### Size

Diameter	0.65 in [16.51 mm]
Cable Color	Black

#### Cable

Description	Cable
Cable Type	RG-316
Inner Conductor Type	Solid
Cable Inner Conductor	Copper, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.098 in [2.49 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	SMA Male Right Angle	MMCX Plug Right Angle
Configuration	Right Angle	Right Angle
Inner Conductor Material & Plating	Brass, Gold	Brass, Gold
Inner Conductor Plating Spec.	50μ in. minimum	
Hex Size	5/16 inch	
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	100μ in. minimum	
Dielectric Type	Teflon	Teflon

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

Notes:

- Values at +25 °C, sea level
- RA MMCX Plug to RA SMA Male Cables

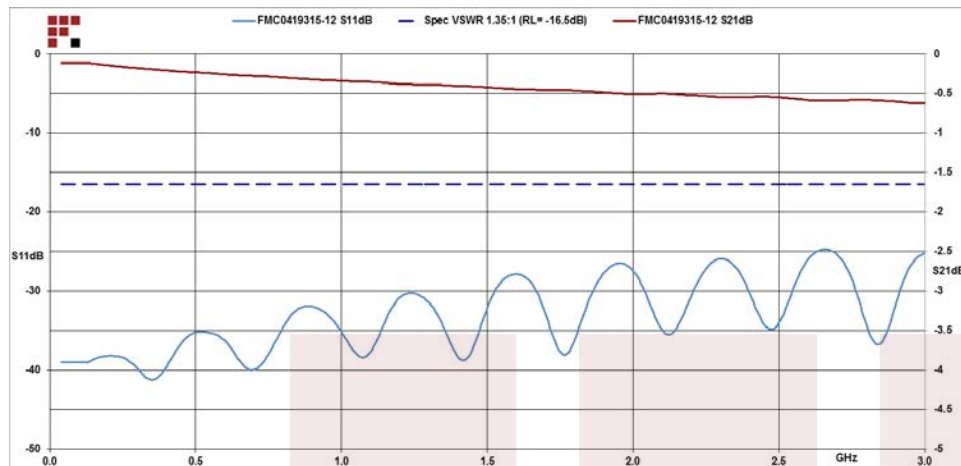


### Configuration:

- SMA Male Right Angle
- MMCX Plug 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:

**FMC0419315 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

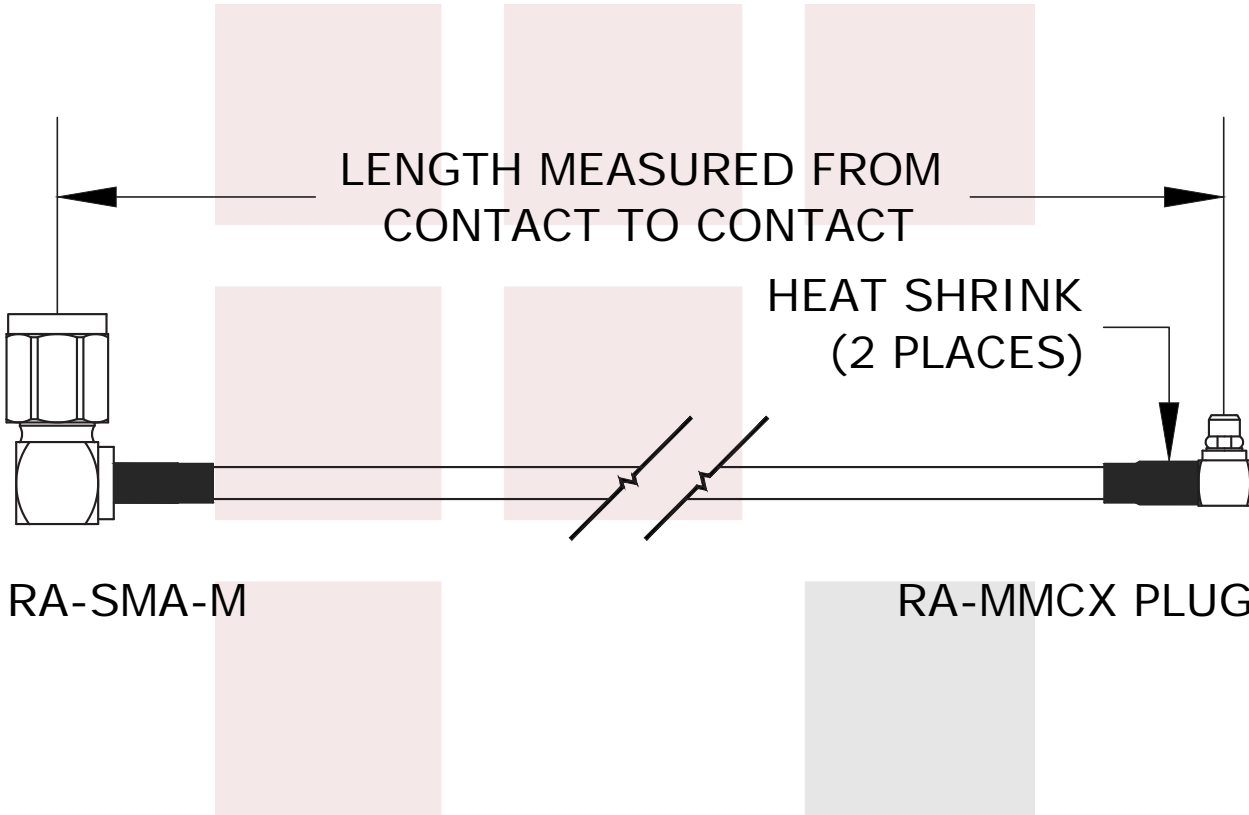
Example: FMC0419315-12 = 12 inches long cable  
FMC0419315-100cm = 100 cm long cable

RA SMA Male to RA MMCX Plug 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 MMCX Plug Cable RG-316 Coax FMC0419315-XX](http://www.fairviewmicrowave.com/ra-sma-male-ra-mmcx-male-cable-rg316-coax-fmc0419315-xx)

URL: <http://www.fairviewmicrowave.com/ra-sma-male-ra-mmcx-male-cable-rg316-coax-fmc0419315-xx-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		DWG NO		CAGE CODE	
RA SMA Male to RA MMCX Plug Cable RG-316 Coax		FMC0419315-XX		3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568