

SMA Female to RA MMCX Plug Cable RG-316 Coax

Electrical Specifications

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

Mechanical Specifications

Cable Assembly

Weight 0.00661 lbs [3 g]

Cable

Cable Type RG-316
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PTFE
 Number of Shields 1
 Shield Layer 1 Silver Plated Copper Tape
 Shield Layer 2 Silver Plated Copper Braid
 Jacket Material FEP, Tan
 Jacket Diameter 0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	MMCX Plug
Configuration	Straight	Right Angle
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Spec.	50µ in. minimum	
Dielectric Type	Teflon	Teflon
Hex Size	1/4 inch	
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	3µ 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:

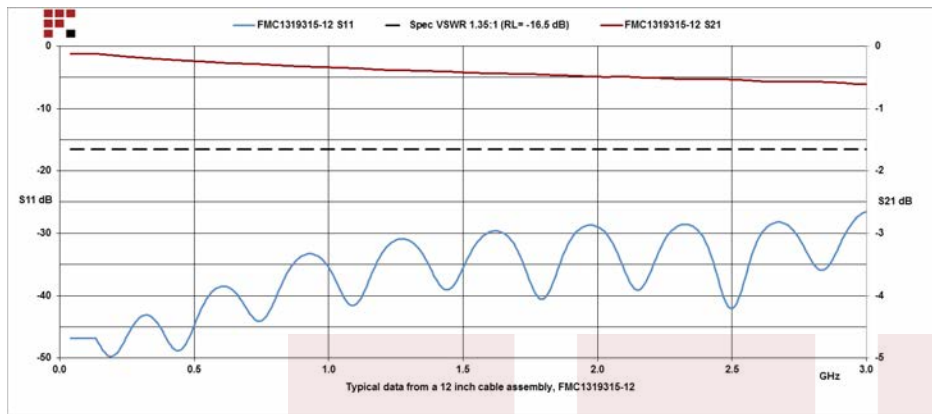


Configuration:

- SMA Female
- 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
sales@fairviewmicrowave.com

Typical Performance Data



How to Order

Part Number Configuration:

FMC1319315 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

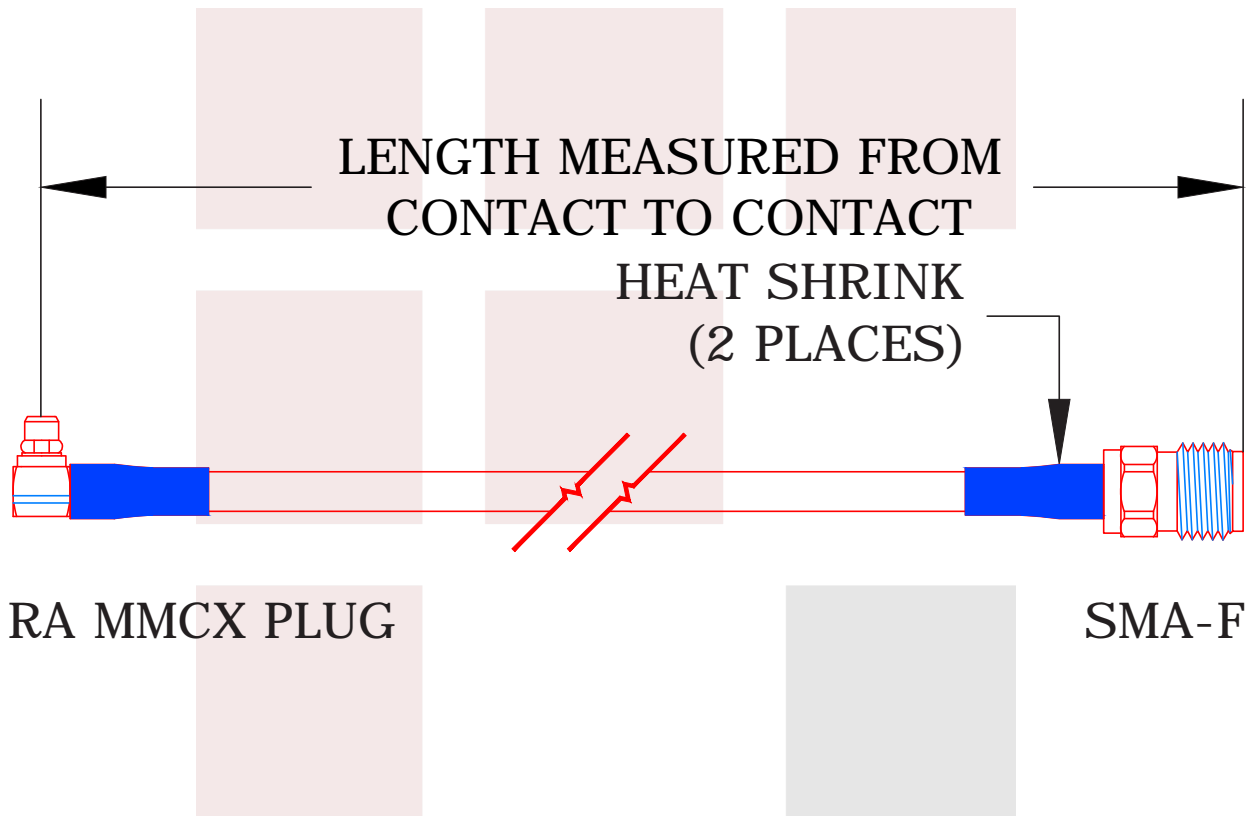
Example: FMC1319315-12 = 12 inches long cable
 FMC1319315-100cm = 100 cm long cable

SMA Female 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: [SMA Female to RA MMCX Plug Cable RG-316 Coax FMC1319315](https://www.fairviewmicrowave.com/sma-female-ra-mmcx-male-cable-rg316-coax-fmc1319315)

URL: <https://www.fairviewmicrowave.com/sma-female-ra-mmcx-male-cable-rg316-coax-fmc1319315-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.



FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE SMA Female to RA MMCX Plug Cable RG-316 Coax		DWG NO FMC1319315		CAGE CODE 3FKR5	
CAD FILE	103014	SHEET	SCALE	N/A	SIZE A 5568