

SMA Male to MCX Plug 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 0.01103 lbs [5 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 Braid
 Jacket Material FEP, Tan
 Jacket Diameter 0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	MCX Plug
Configuration	Straight	Straight
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50µ in. minimum	30µ in. Min
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	
Torque	4 in-lbs [0.45 Nm]	
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	100µ in. minimum	3µ in. Minimum

Environmental Specifications

Temperature

Operating Range -40 to +125 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

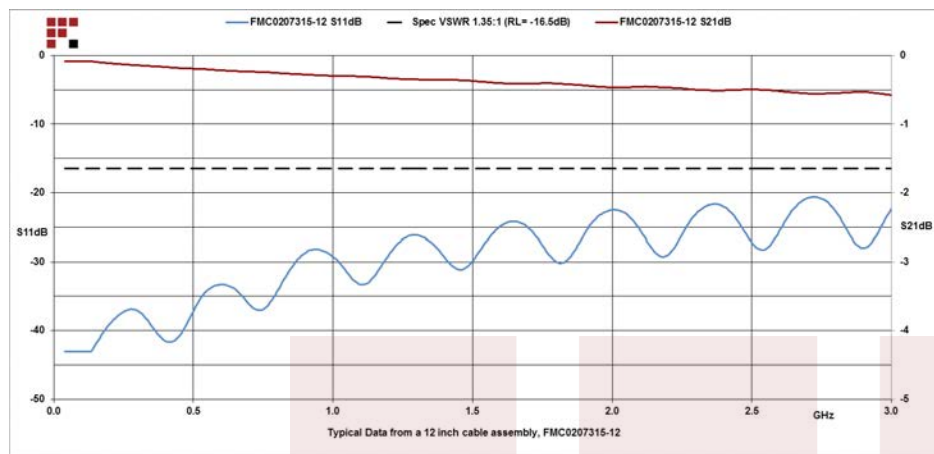


Configuration:

- SMA Male
- MCX Plug
- 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:

FMC0207315 - xx uu

cm = Centimeters
 <blank> = Inches

Length

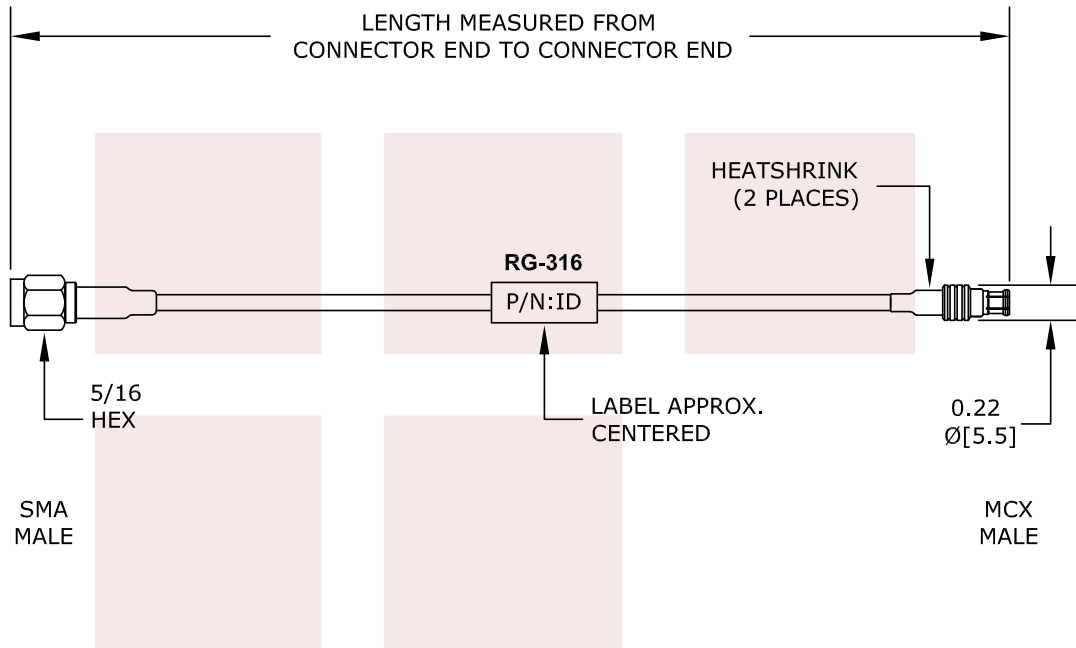
Example: FMC0207315-12 = 12 inches long cable
 FMC0207315-100cm = 100 cm long cable

SMA Male to MCX 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 Male to MCX Plug Cable RG-316 Coax FMC0207315](#)

URL: <https://www.fairviewmicrowave.com/sma-male-mcx-plug-cable-rg316-coax-fmc0207315-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.



NOTE:
 FOR LONGER CABLES (>10FT.) THERE ARE TWO LABELS, ONE NEAR EACH END.

How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
<p><u>Part Number Configuration</u></p> <p>FMC zzzzzzz - [xx] [uu]</p> <p>cm = Centimeters < Blank > = Inches Length</p>	<u>Examples</u>	-12	12"	-25cm	25cm
	FMC000-100	-24	24"	-50cm	50cm
	FMC000-100cm	-36	36"	-75cm	75cm
		-48	48"	-100cm	100cm
		-60	60"	-125cm	125cm
		-xx	Custom Length	-xxcm	Custom Length
	<p>FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM</p>		<p>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].</p>		
<p>TITLE SMA Male to MCX Plug Cable RG-316 Coax</p>		<p>DWG NO FMC0207315-12</p>		<p>CAGE CODE 3FKR5</p>	
		CAD FILE	091914	SHEET	
		SCALE	N/A	SIZE	A 150