

MMCX Plug to SMB Plug Cable RG-316 Coax

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
VSWR			1.35:1	
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 Braid
Jacket Material		FEP, Tan
Jacket Diameter		0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug	SMB Plug
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	30µ in. minimum	30µ in. minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Gold	Brass, Gold
Body Plating Spec.	3µ in. minimum	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:

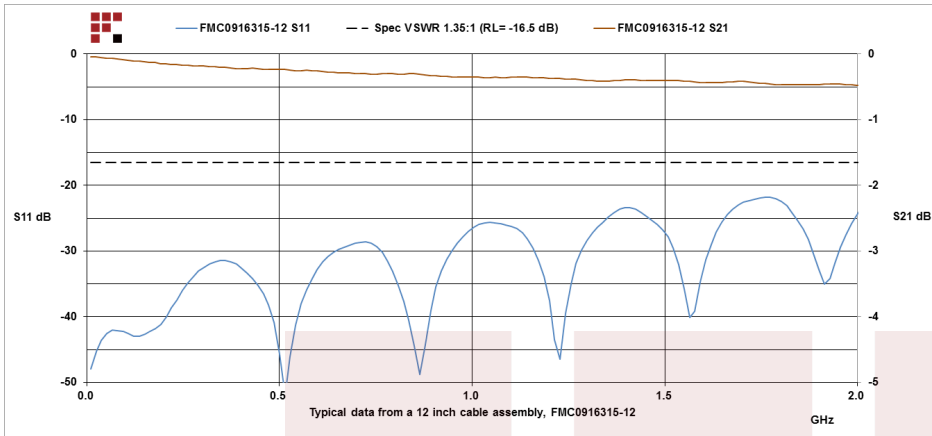


Configuration:

- MMCX Plug
- SMB 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:

FMC0916315 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

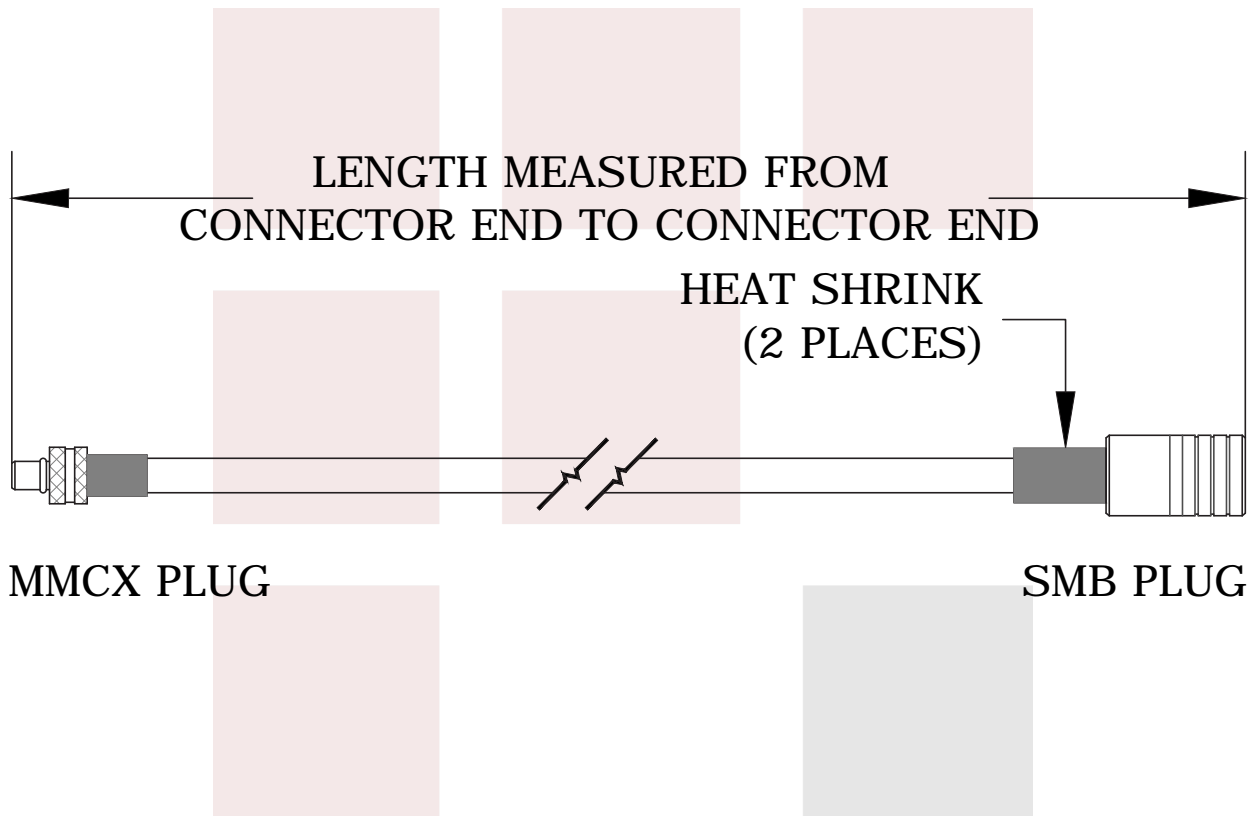
Example: FMC0916315-12 = 12 inches long cable
 FMC0916315-100cm = 100 cm long cable

MMCX Plug to SMB 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: [MMCX Plug to SMB Plug Cable RG-316 Coax FMC0916315](#)

URL: <https://www.fairviewmicrowave.com/mmcx-male-smb-plug-cable-rg316-coax-fmc0916315-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 MMCX Plug to SMB Plug Cable RG-316 Coax		DWG NO FMC0916315		CAGE CODE 3FKR5	
CAD FILE	102814	SHEET	SCALE	N/A	SIZE A 5568