

## N Male to RA MCX Plug Cable RG-316 Coax in 12 Inch

### 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

Length	12 in [304.8 mm]
Weight	0.017 lbs [7.71 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, Tan
Jacket Diameter	0.098 in [2.49 mm]

### Connectors

Description	Connector 1	Connector 2
Type	N Male	MCX Plug Right Angle
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.		3μ in. minimum

### Environmental Specifications

#### Temperature

Operating Range	-55 to +125 deg C
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

### Plotted and Other Data

Notes:

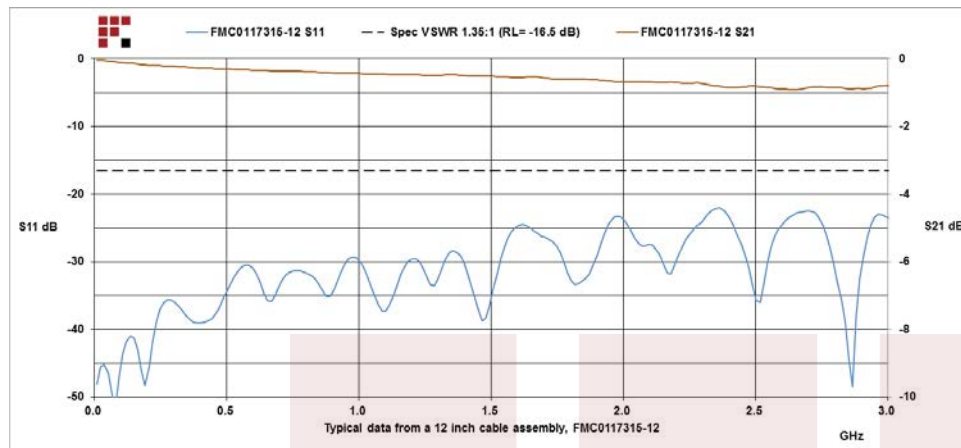


### Configuration:

- N Male
- MCX Plug Right Angle
- RG-316

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### Typical Performance Data



### How to Order

Part Number Configuration:

**FMC0117315 - xx uu**

cm = Centimeters

<blank> = Inches

Length

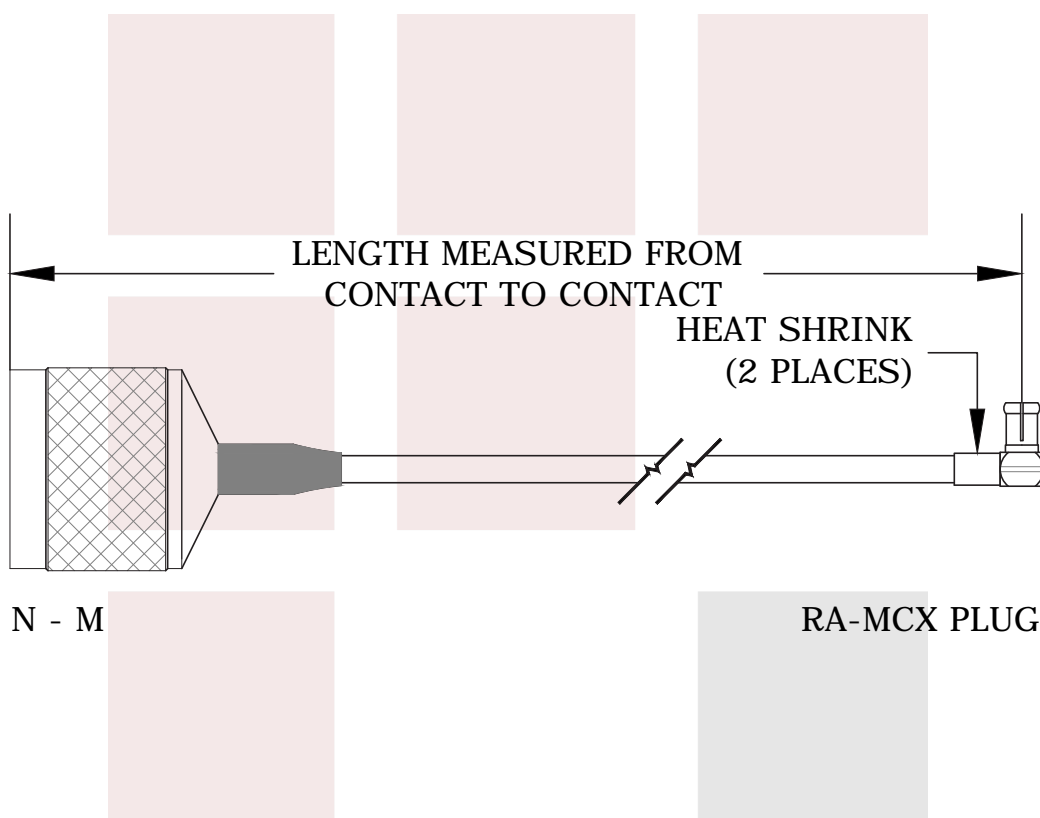
Example: FMC0117315-12 = 12 inches long cable  
FMC0117315-100cm = 100 cm long cable

N Male to RA MCX Plug Cable RG-316 Coax in 12 Inch 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: [N Male to RA MCX Plug Cable RG-316 Coax in 12 Inch FMC0117315-12](#)

URL: <http://www.fairviewmicrowave.com/n-male-ra-mcx-plug-cable-rg316-coax-fmc0117315-12-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 N Male to RA MCX Plug Cable RG-316 Coax in 12 Inch		DWG NO <b>FMC1717315</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	103114	SHEET	SCALE	N/A	SIZE A 5568