

N Male to SMA Female 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]

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	SMA Female
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50μ in. minimum	50μ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size		1/4 inch
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	3μ in. minimum	3μ in. minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

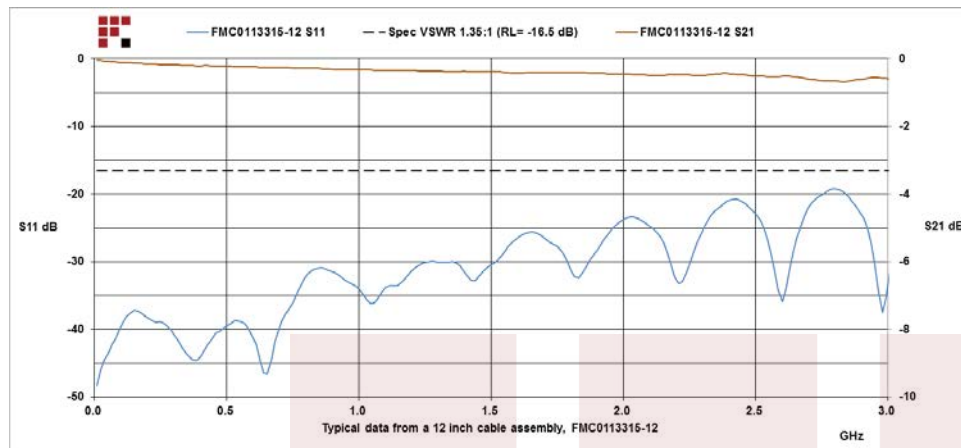


Configuration:

- N Male
- SMA Female
- RG-316

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0113315 - xx uu

cm = Centimeters
<blank> = Inches
Length

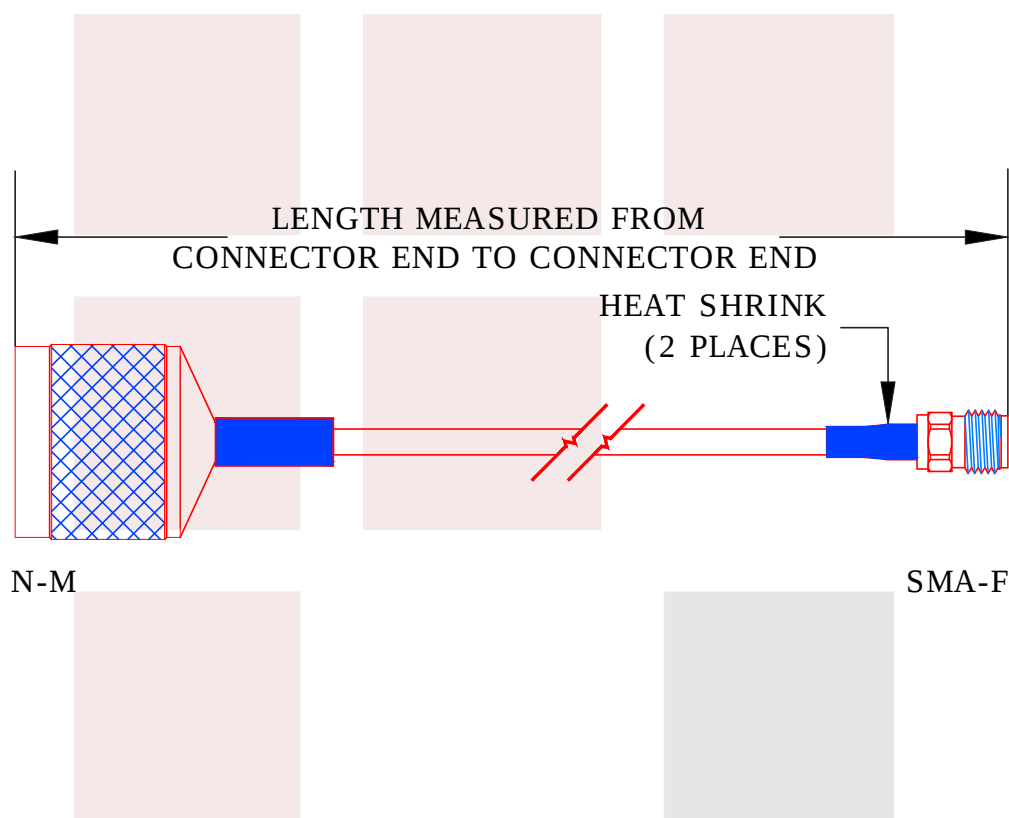
Example: FMC0113315-12 = 12 inches long cable
FMC0113315-100cm = 100 cm long cable

N Male to SMA Female 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 SMA Female Cable RG-316 Coax in 12 Inch FMC0113315-12](#)

URL: <http://www.fairviewmicrowave.com/standard-n-male-sma-female-cable-rg316-coax-fmc0113315-12-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 SMA Female Cable RG-316 Coax in 12 Inch	DWG NO FMC0113315		CAGE CODE 3FKR5		
	CAD FILE 103014	SHEET	SCALE N/A	SIZE A	5568