

N Male to SMA Male 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

0.00618 lbs [2.8 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	SMA Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	

Environmental Specifications

Temperature

Operating Range

-55 to +125 deg C

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

Plotted and Other Data

Notes:

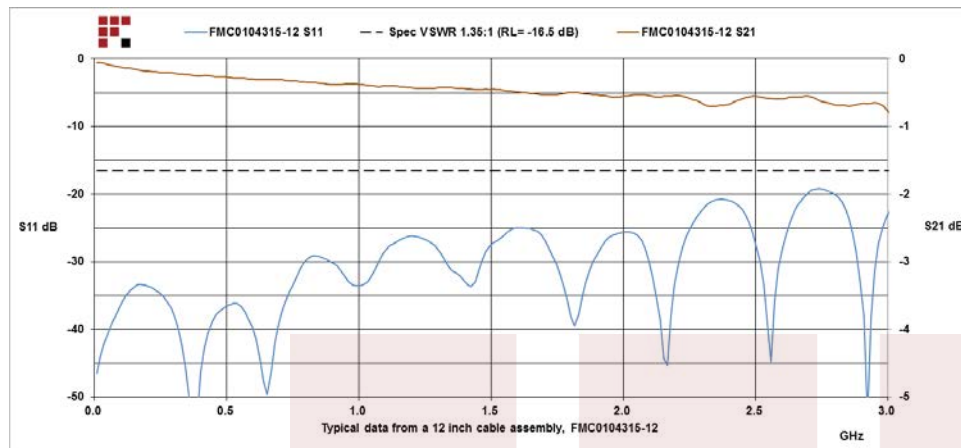


Configuration:

- N Male
- SMA Male
- RG-316

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0104315 - xx uu

cm = Centimeters
<blank> = Inches

Length

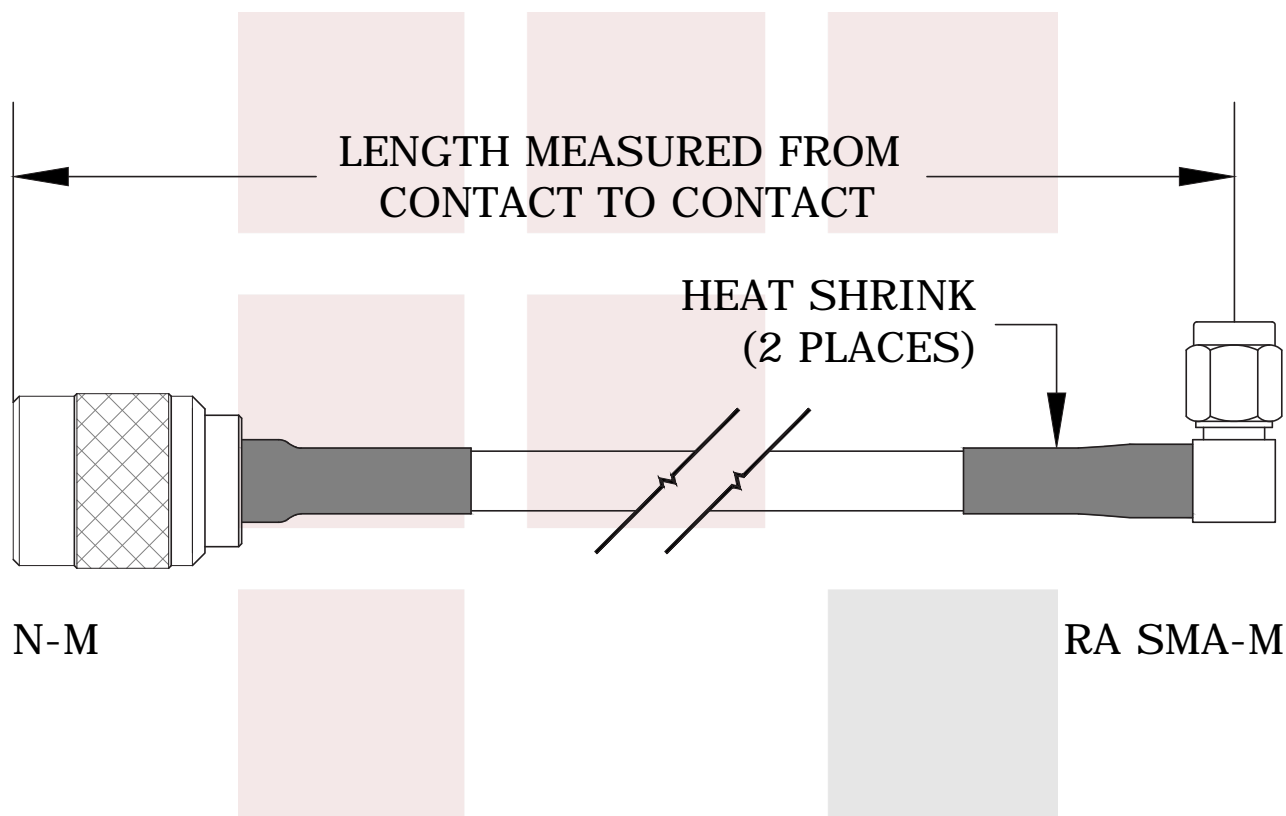
Example: FMC0104315-12 = 12 inches long cable
FMC0104315-100cm = 100 cm long cable

N Male to SMA Male 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: [N Male to SMA Male Cable RG-316 Coax FMC0104315](#)

URL: <http://www.fairviewmicrowave.com/standard-n-male-sma-male-cable-rg316-coax-fmc0104315-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 Male Cable RG-316 Coax	DWG NO FMC0104315		CAGE CODE 3FKR5		
	CAD FILE 022516	SHEET	SCALE N/A	SIZE A	5568