N Male to N Male Cable RG-316 Coax

The type N male to type N male cable using RG-316 coax, part number FMC0101315LF, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a male to male gender configuration with 50 ohm flexible RG-316 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0101315LF type N male to type N male cable assembly operates to 3 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

Configuration:

- N Male
- N Male
- RG-316

Features:

- Max Frequency 3 GHz
- 70% Phase Velocity
- FEP Jacket

Applications:

- General Purpose
- Laboratory Use

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*   0 in [0 mm]
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	N Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	
Coupling Nut Material & Plating		Brass, Nickel

Environmental Specifications
Temperature
Operating Range   -55 to +125 deg C

Compliance Certifications (see product page for current document)

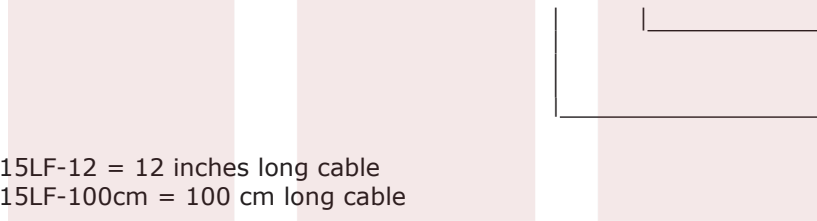## Plotted and Other Data
Notes:

How to Order

Part Number Configuration: **FMC0101315LF   -   xx   uu**

cm = Centimeters
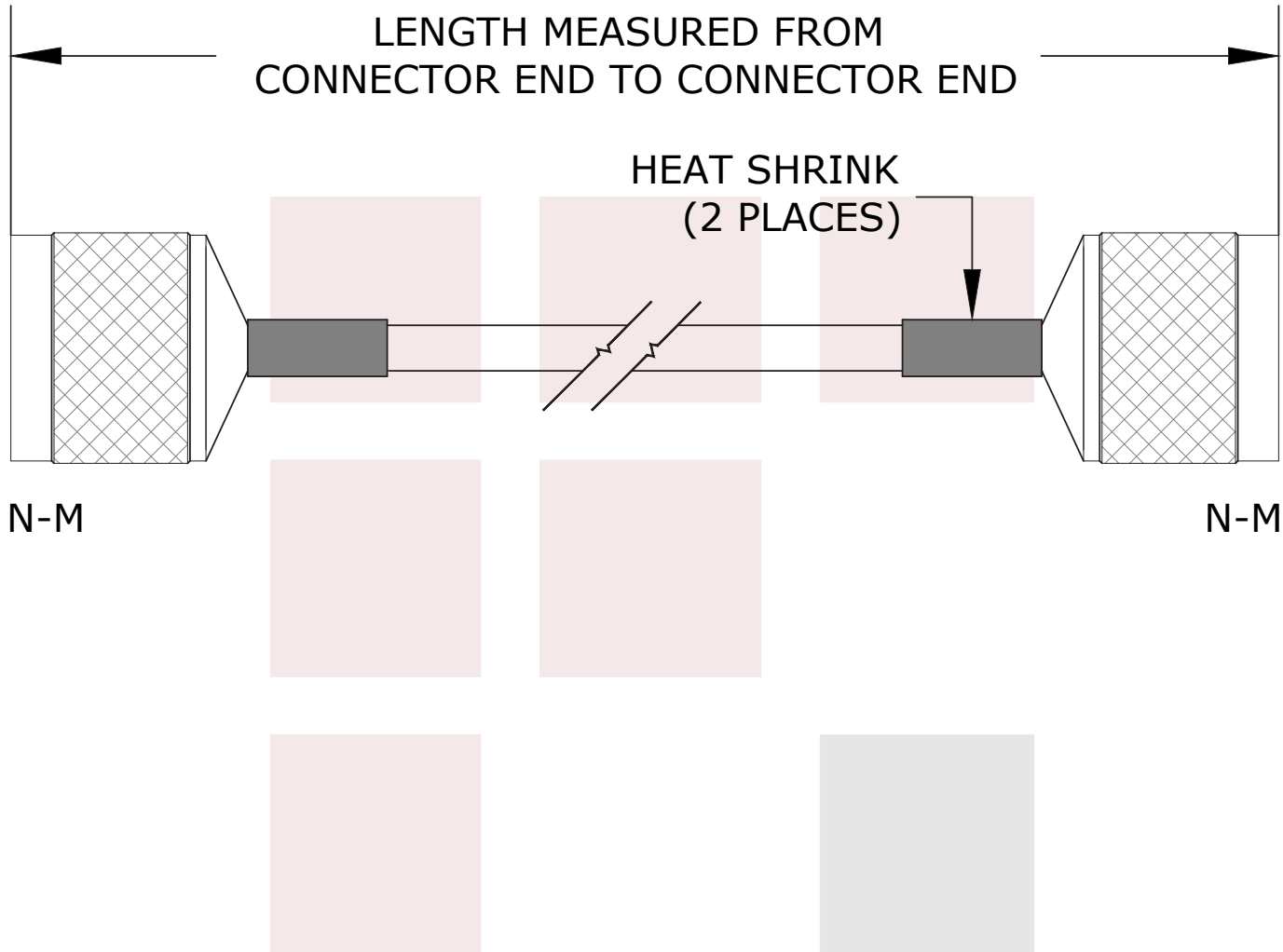<blank> = Inches

Length

Example: FMC0101315LF-12 = 12 inches long cable
FMC0101315LF-100cm = 100 cm long cable

N Male to N Male Cable RG-316 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave 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 N Male Cable RG-316 Coax FMC0101315LF

URL: https://www.fairviewmicrowave.com/standard-n-male-n-male-cable-rg316-coax-fmc0101315lf-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.

LENGTH MEASURED FROM
CONNECTOR END TO CONNECTOR END

HEAT SHRINK
(2 PLACES)

N-M

N-M

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	DWG NO FMC0101315LF		CAGE CODE 3FKR5
	CAD FILE 022506	SHEET	SCALE N/A · SIZE A · 5568

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