

N Male to N Male Cable LMR-400-LLPL Coax

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Velocity of Propagation		76		%
RF Shielding	90			dB
Capacitance		26.7 [87.6]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Diameter 0.8125 in [20.64 mm]

Cable

Cable Type LMR-400-LLPL
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper
 Dielectric Type PTFE
 Number of Shields 1
 Shield Layer 1 Tinned Copper
 Shield Layer 2 Aluminum Tape
 Jacket Material FRPVC, Orange
 Jacket Diameter 0.405 in [10.29 mm]

One Time Minimum Bend Radius 1 in [25.4 mm]
 Repeated Minimum Bend Radius 4 in [101.6 mm]
 Bending Moment 0.5 lbs-ft [0.68 N-m]
 Flat Plate Crush 185 lbs/in [3.3 Kg/mm]
 Tensile Strength 120 lbs [54.43 Kg]

Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50µ" Min	50µ" Min
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Hex Size	13/16 inch	13/16 inch
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal

Environmental Specifications

Temperature

Operating Range +23 to +155 deg C



Configuration:

- N Male
- N Male
- LMR-400-LLPL

Features:

- Indoor highly retarded cable intended specifically for runs within return air handling plenums (e.g. dropped ceilings, raised floors)
- Flexible Low Loss Plenum Coax has UL/NEC & CSA rating of "CMP" and "FT6" respectively

Applications:

- For wireless applications requiring an easily routed, low loss RF cable assembly for in-building Distributed Antenna Systems (DAS)
- Wireless applications (e.g. LMDS, MMDS, WLL, GPS, WLAN, WISP, WiMAX, SCADA, Cellular, PCS, Paging)

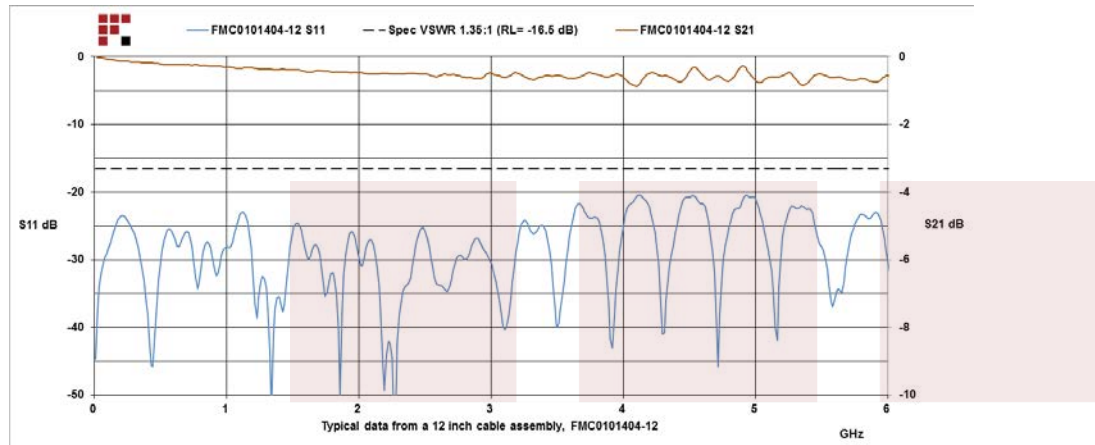
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0101404 - xx uu

cm = Centimeters
<blank> = Inches
Length

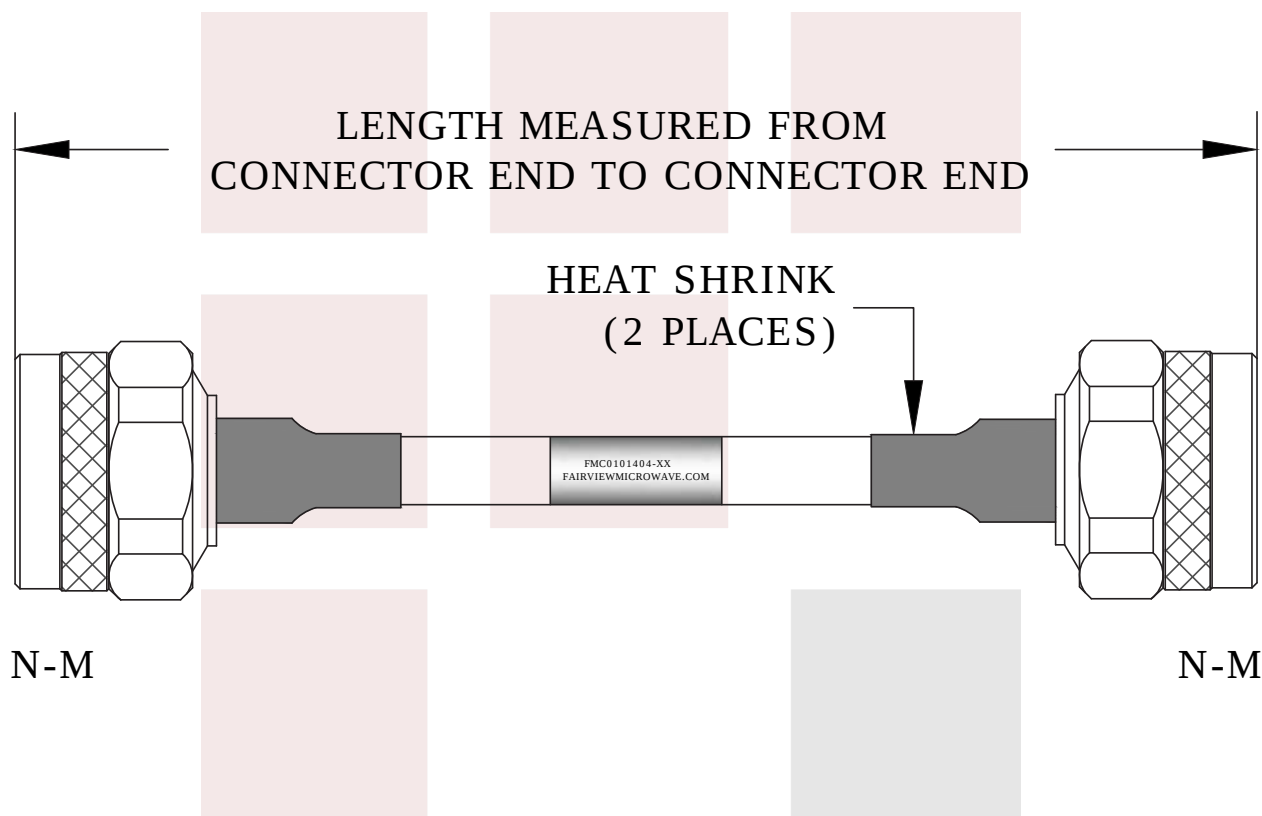
Example: FMC0101404-12 = 12 inches long cable
FMC0101404-100cm = 100 cm long cable

N Male to N Male Cable LMR-400-LLPL 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 N Male Cable LMR-400-LLPL Coax FMC0101404](http://www.fairviewmicrowave.com/n-male-n-male-cable-lmr400llpl-coax-fmc0101404)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-lmr400llpl-coax-fmc0101404-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 N Male Cable LMR-400-LLPL Coax		DWG NO FMC0101404		CAGE CODE 3FKR5	
CAD FILE	101014	SHEET	SCALE	N/A	SIZE A 5568