Fairview Microwave
RF COMPONENTS ON DEMAND. Done!

FMC0101404-24
DATA SHEET

N Male to N Male Cable LMR-400-LLPL Coax in 24 Inch

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

Length	24 in [609.6 mm]
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 retarted 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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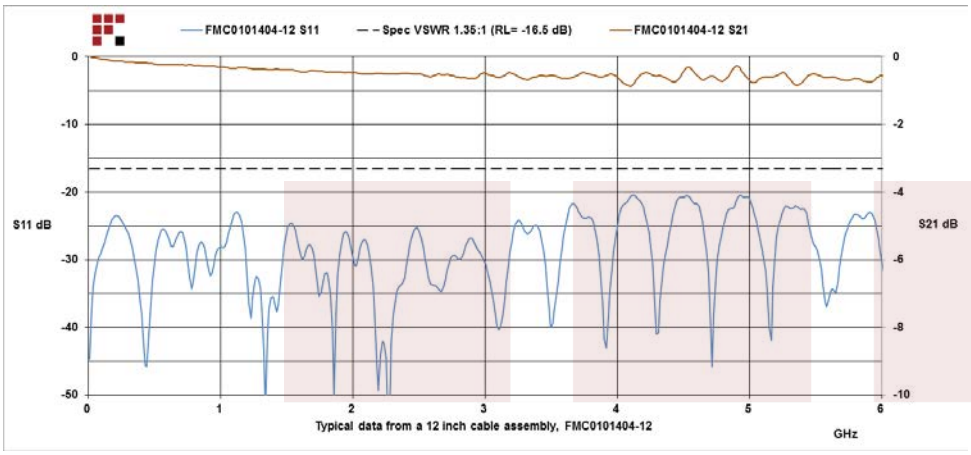
Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration: **FMC0101404 - xx uu**

- uu: cm = Centimeters; <blank> = Inches
- xx: Length

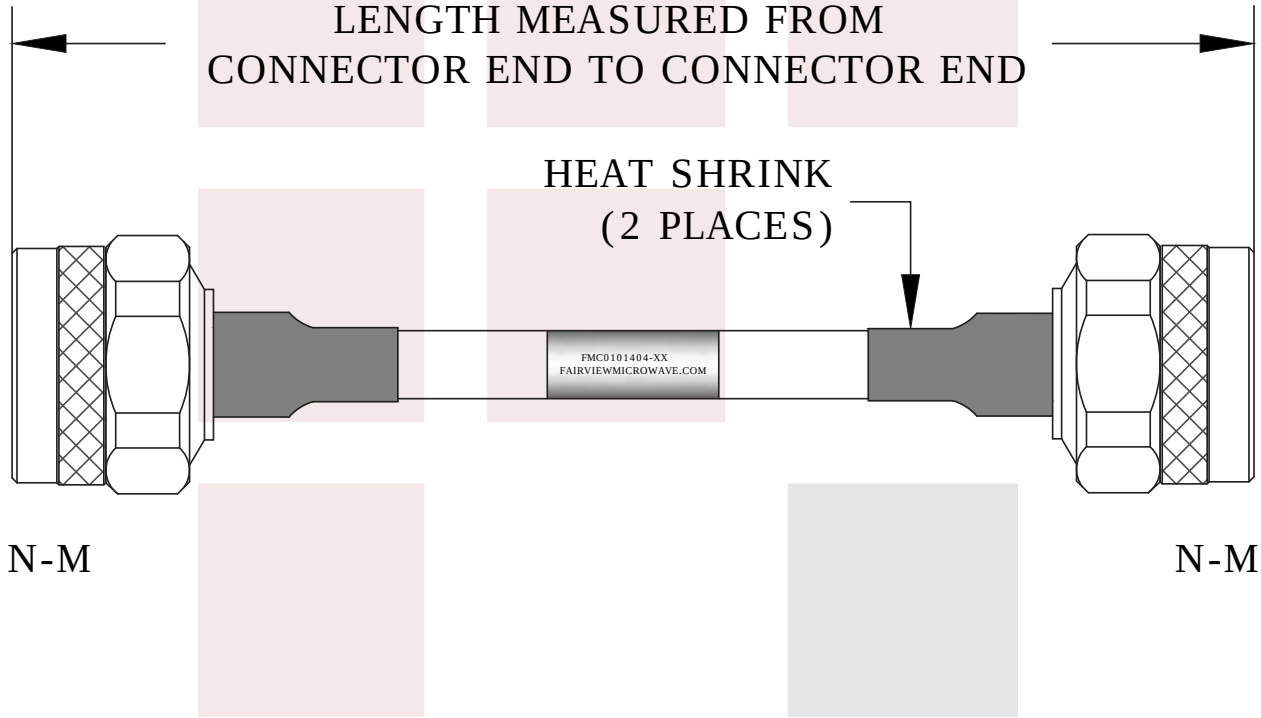
Example: FMC0101404-12 = 12 inches long cable
FMC0101404-100cm = 100 cm long cable

N Male to N Male Cable LMR-400-LLPL Coax in 24 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 N Male Cable LMR-400-LLPL Coax in 24 Inch FMC0101404-24

URL: http://www.fairviewmicrowave.com/n-male-n-male-cable-lmr400llpl-coax-fmc0101404-24-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.



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 N Male to N Male Cable LMR-400-LLPL Coax in 24 Inch	DWG NO FMC0101404		CAGE CODE 3FKR5		
	CAD FILE 101014	SHEET	SCALE N/A	SIZE A	5568

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