

N Female to 7/16 DIN Male Cable LMR-400 Coax and RoHS

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		2.5	GHz
VSWR			1.35:1	
Velocity of Propagation		85		%
RF Shielding	90			dB
Capacitance		23.9 [78.41]		pF/ft [pF/m]
Inductance		0.06 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		1.39 [4.56]		Ω /1000ft [Ω /Km]
DC Resistance Outer Conductor		1.65 [5.41]		Ω /1000ft [Ω /Km]

Mechanical Specifications

Cable Assembly

Cable

Cable Type	LMR-400
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Aluminum
Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Tinned Copper
Shield Layer 2	Aluminum Tape
Jacket Material	PE, Black
Jacket Diameter	0.405 in [10.29 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Female	7/16 DIN Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Silver
Dielectric Type	Teflon	PTFE
Outer Cond Material & Plating	Brass, Nickel	
Coupling Nut Material & Plating		Brass, Tri-Metal
Body Material & Plating	Brass, Nickel	Brass, Tri-Metal

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:



Configuration:

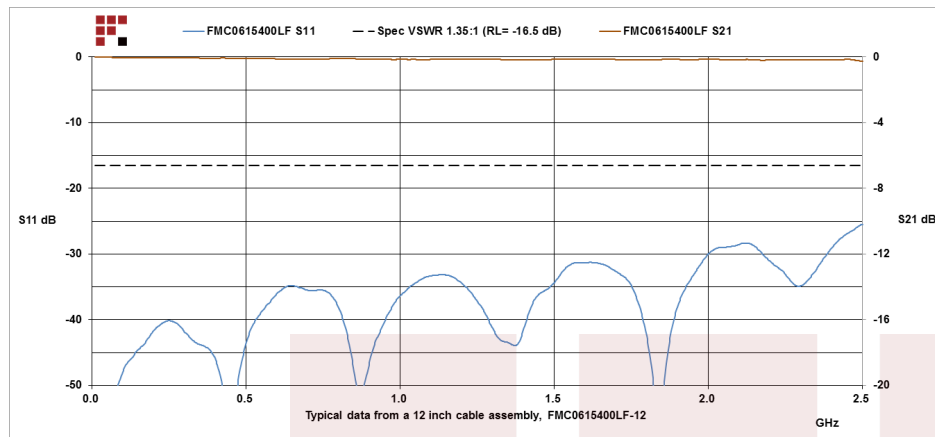
- N Female
- 7/16 DIN Male
- LMR-400

Applications:

- General Purpose
- Wireless Communications
- Lab Use
- Equipment Interconnect

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0615400LF - xx uu

cm = Centimeters
<blank> = Inches
Length

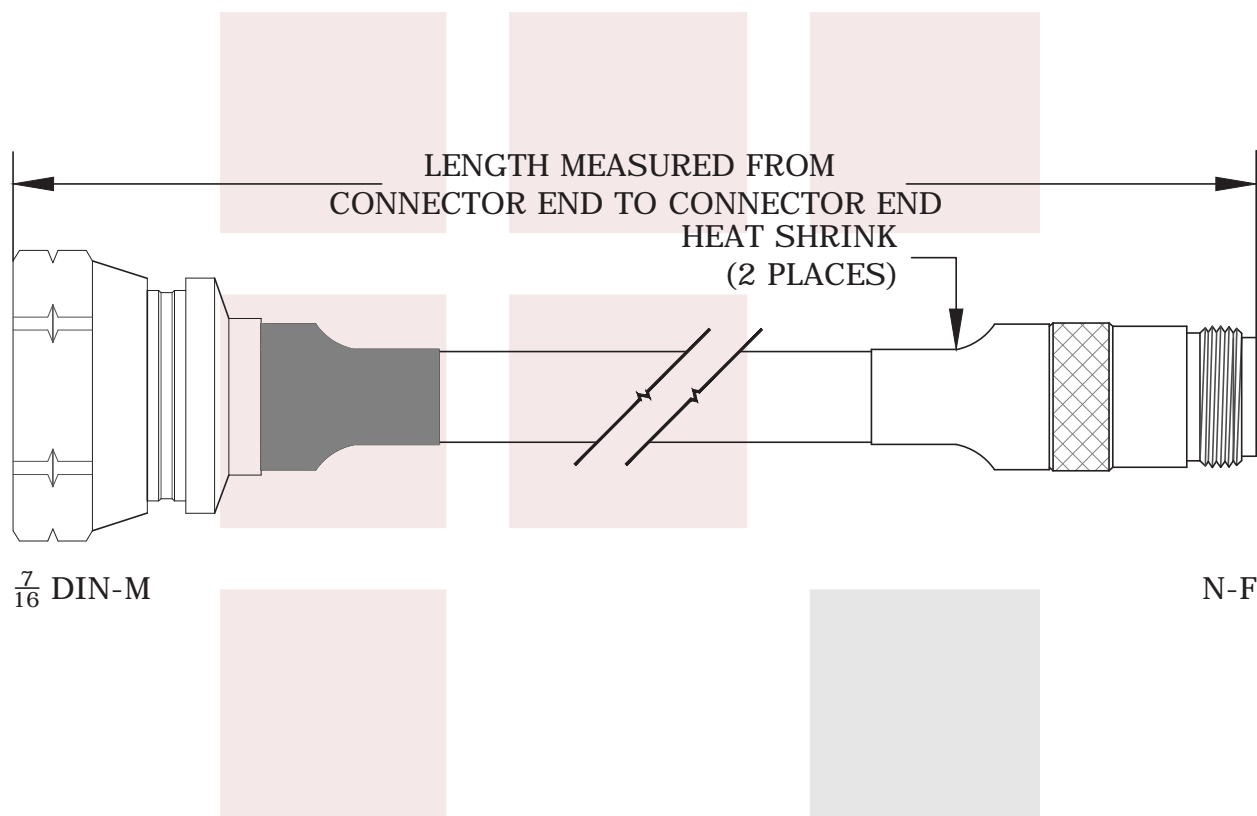
Example: FMC0615400LF-12 = 12 inches long cable
FMC0615400LF-100cm = 100 cm long cable

N Female to 7/16 DIN Male Cable LMR-400 Coax and RoHS 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 Female to 7/16 DIN Male Cable LMR-400 Coax and RoHS FMC0615400LF](#)

URL: <https://www.fairviewmicrowave.com/standard-n-female-7-16-din-male-cable-lmr400-coax-fmc0615400lf-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 Female to 7/16 DIN Male Cable LMR-400 Coax and RoHS		DWG NO FMC0615400		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568