

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

**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]		$\Omega/1000ft$ [ $\Omega/Km$ ]
DC Resistance Outer Conductor		1.65 [5.41]		$\Omega/1000ft$ [ $\Omega/Km$ ]

**Mechanical Specifications**

**Cable Assembly**

Weight 0.09171 lbs [41.6 g]

**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



**Configuration:**

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

**Applications:**

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

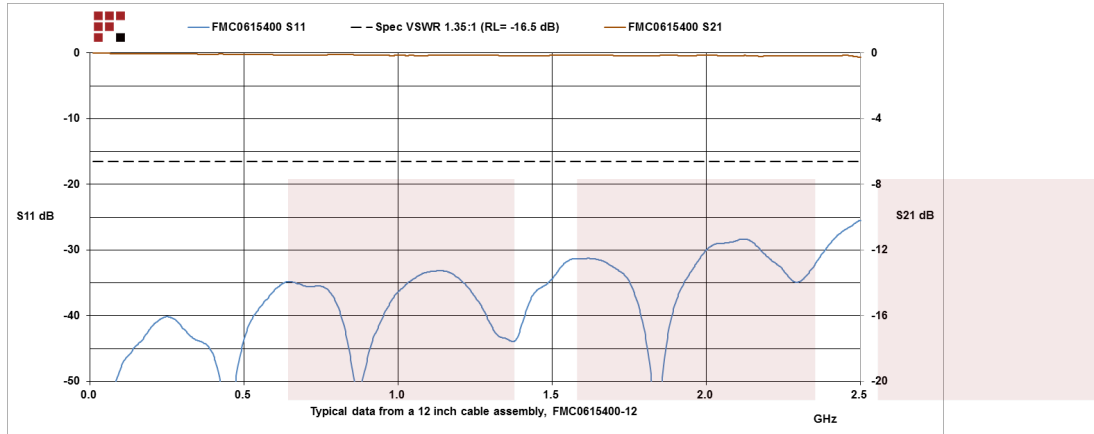
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0615400 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

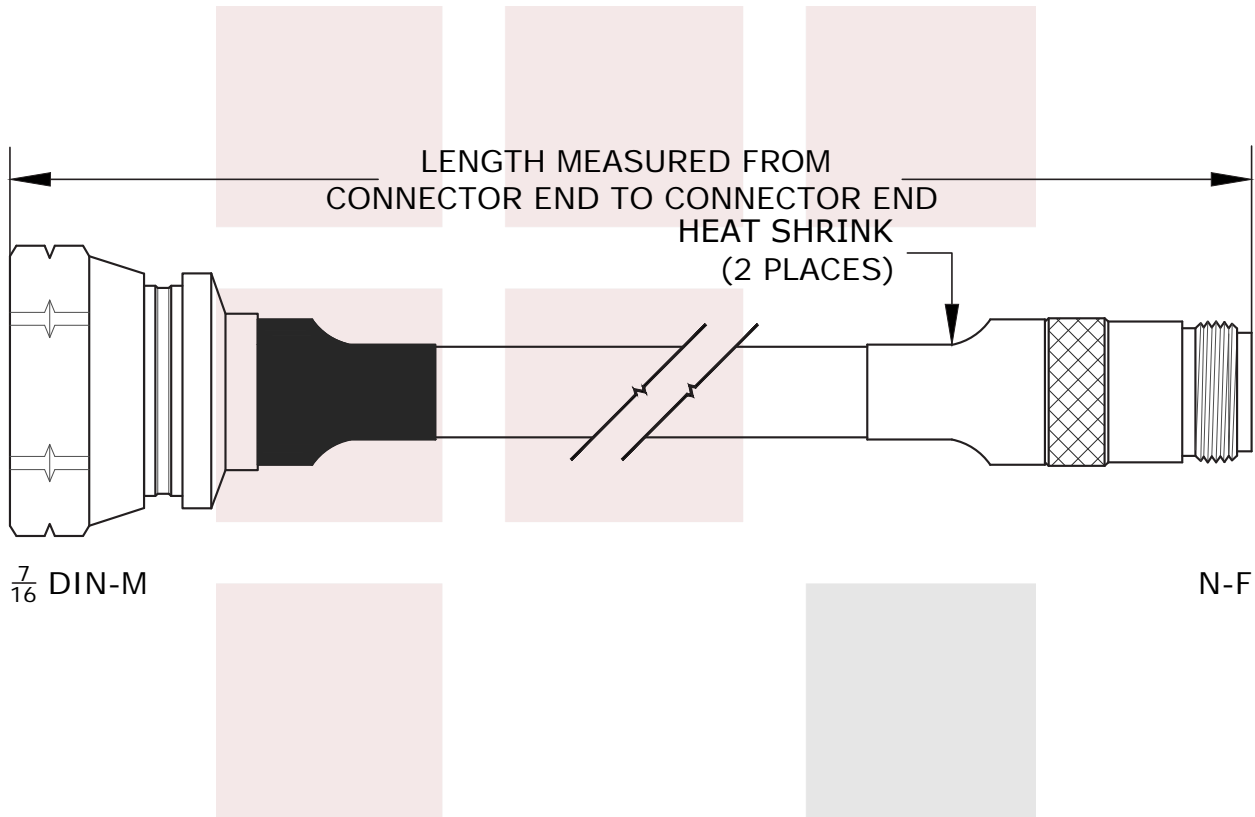
Example: FMC0615400-12 = 12 inches long cable  
FMC0615400-100cm = 100 cm long cable

N Female to 7/16 DIN Male Cable LMR-400 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 Female to 7/16 DIN Male Cable LMR-400 Coax FMC0615400](#)

URL: <https://www.fairviewmicrowave.com/n-female-7-16-male-cable-times-lmr-400-coax-fmc0615400-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		DWG NO FMC0615400-XX		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568