

**N Male to BNC Male Cable LMR-400-UF Coax and RoHS Compliant**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
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		1.07 [3.51]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		1.65 [5.41]		$\Omega$ /1000ft [ $\Omega$ /Km]

**Mechanical Specifications**

**Cable Assembly**

Diameter 0.8125 in [20.64 mm]

Weight 0.15477 lbs [70.2 g]

**Cable**

Cable Type LMR-400-UF  
 Impedance 50 Ohms  
 Inner Conductor Type Stranded  
 Inner Conductor Material and Plating Copper  
 Dielectric Type PE (F)  
 Number of Shields 1  
 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 Male	BNC Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Nickel
Contact Plating Spec.	50 $\mu$ " Min	
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating	Brass, Tri-Metal	Brass, Nickel
Coupling Nut Material & Plating		Brass, Nickel
Hex Size	13/16 inch	
Body Material & Plating	Brass, Tri-Metal	Brass, Nickel

**Environmental Specifications**

**Temperature**

Operating Range -40 to +85 deg C



**Configuration:**

- N Male
- BNC Male
- LMR-400-UF

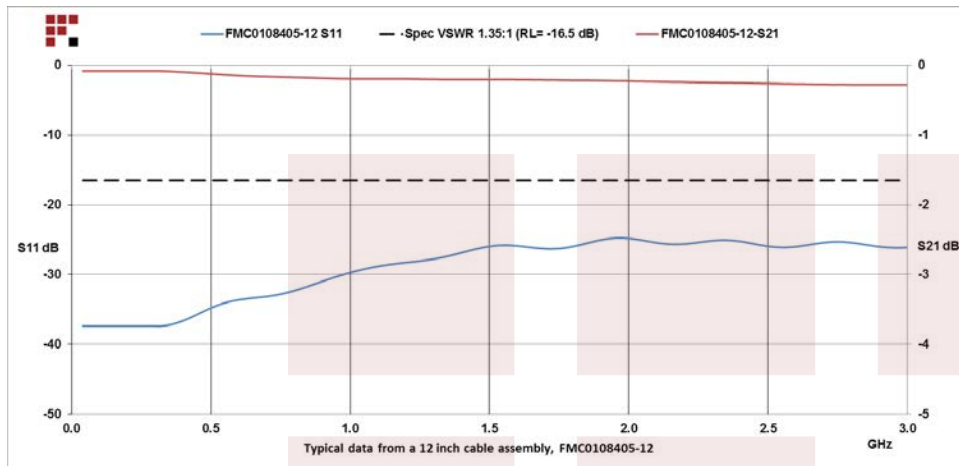
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)  
 RoHS Compliant Yes

**Plotted and Other Data**

Notes:

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0108405LF - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

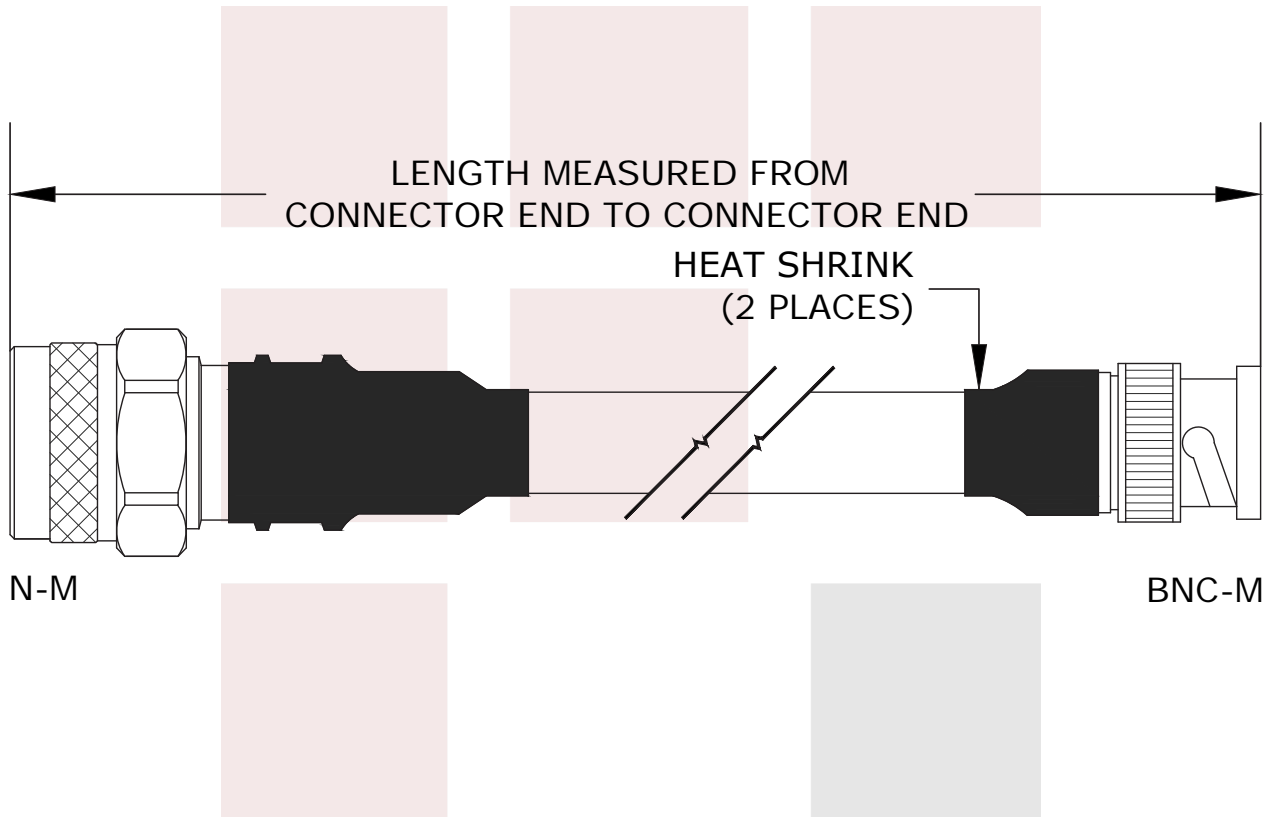
Example: FMC0108405LF-12 = 12 inches long cable  
 FMC0108405LF-100cm = 100 cm long cable

N Male to BNC Male Cable LMR-400-UF Coax and RoHS Compliant 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 BNC Male Cable LMR-400-UF Coax and RoHS Compliant FMC0108405LF](http://www.fairviewmicrowave.com/standard-n-male-bnc-male-cable-lmr400uf-coax-fmc0108405lf-p.aspx)

URL: <http://www.fairviewmicrowave.com/standard-n-male-bnc-male-cable-lmr400uf-coax-fmc0108405lf-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 BNC Male Cable LMR-400-UF Coax and RoHS Compliant		DWG NO <b>FMC0108405</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	101614	SHEET	SCALE	N/A	SIZE A 5568