

TNC Male to N Female Cable LMR-400 Coax with Times Microwave Connectors 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]		$\Omega/1000ft$ [Ω/Km]
DC Resistance Outer Conductor		1.65 [5.41]		$\Omega/1000ft$ [Ω/Km]

Mechanical Specifications

Cable Assembly

Diameter 0.6221 in [15.8 mm]

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	TNC Male	N Female
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Silver	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Outer Cond Material & Plating		Brass, Nickel
Coupling Nut Material & Plating	Brass, Nickel	
Body Material & Plating	Brass, Nickel	Brass, Nickel

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C



Configuration:

- TNC Male
- N Female
- LMR-400

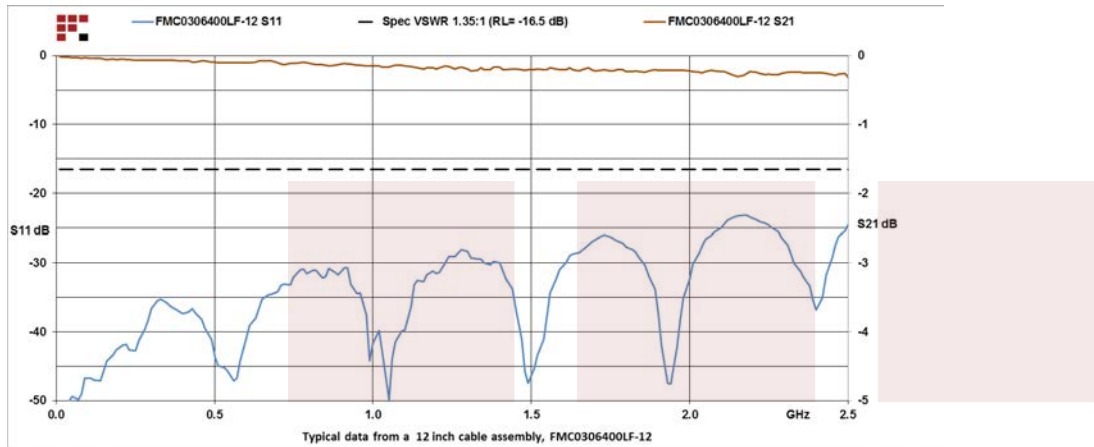
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0306400LF - xx uu

cm = Centimeters
 <blank> = Inches
 Length

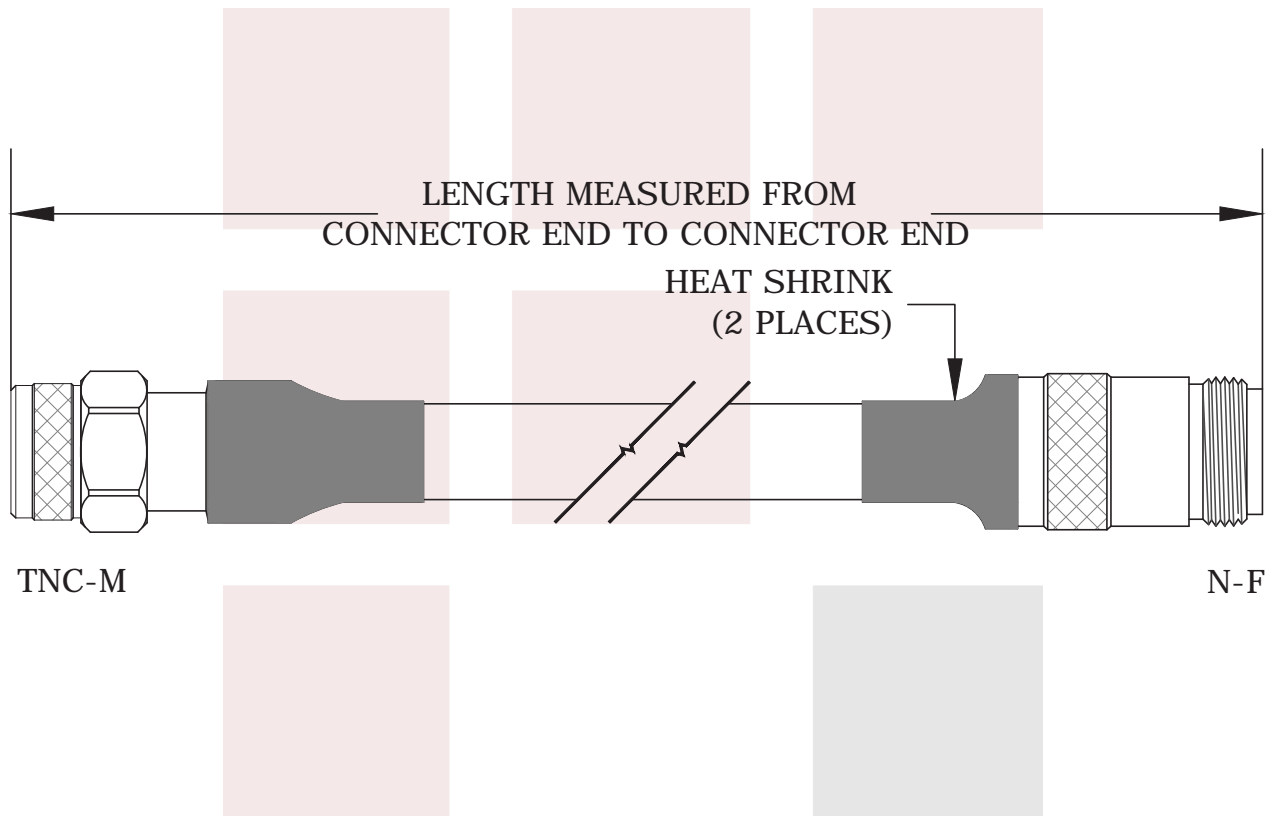
Example: FMC0306400LF-12 = 12 inches long cable
 FMC0306400LF-100cm = 100 cm long cable

TNC Male to N Female Cable LMR-400 Coax with Times Microwave Connectors 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: [TNC Male to N Female Cable LMR-400 Coax with Times Microwave Connectors and RoHS FMC0306400LF](#)

URL: <https://www.fairviewmicrowave.com/standard-tnc-male-n-female-cable-lmr400-coax-fmc0306400lf-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 TNC Male to N Female Cable LMR-400 Coax with Times Microwave Connectors and RoHS		DWG NO FMC0306400LF		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568