

TNC Male to TNC Male Cable LMR-100 Coax in 48 Inch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
VSWR			1.35:1	
Velocity of Propagation		66		%
RF Shielding	90			dB
Capacitance		30.8 [101.05]		pF/ft [pF/m]
Inductance		0.077 [0.25]		uH/ft [uH/m]
DC Resistance Inner Conductor		81 [265.75]		Ω /1000ft [Ω /Km]
DC Resistance Outer Conductor		9.5 [31.17]		Ω /1000ft [Ω /Km]

Mechanical Specifications

Cable Assembly

Length 48 in [121.92 cm]

Cable

Cable Type LMR-100A-PVC
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper
 Dielectric Type PE (F)
 Number of Shields 2
 Shield Layer 1 Tinned Copper
 Shield Layer 2 Aluminum Tape
 Jacket Material PE, Black
 Jacket Diameter 0.195 in [4.95 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Silver	Brass, Silver

Environmental Specifications

Temperature

Operating Range -40 to +85 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

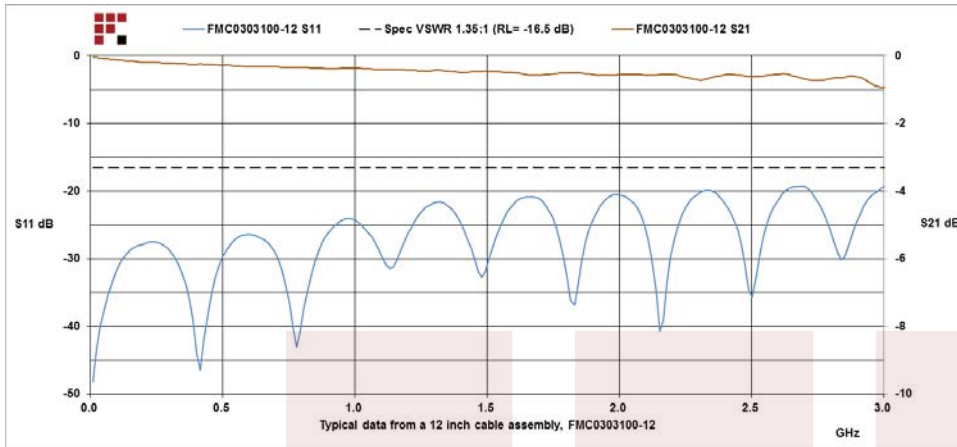


Configuration:

- TNC Male
- TNC Male
- LMR-100A-PVC

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0303100 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

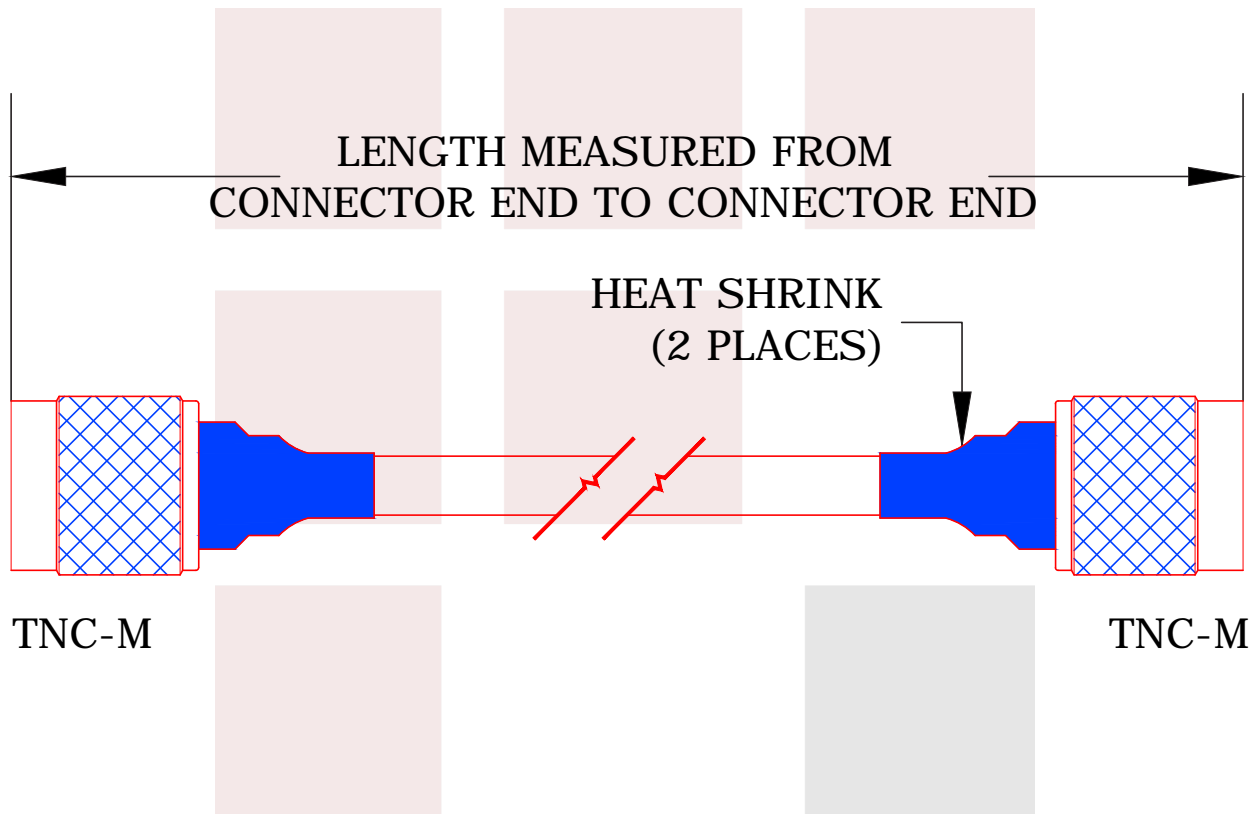
Example: FMC0303100-12 = 12 inches long cable
 FMC0303100-100cm = 100 cm long cable

TNC Male to TNC Male Cable LMR-100 Coax in 48 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: [TNC Male to TNC Male Cable LMR-100 Coax in 48 Inch FMC0303100-48](#)

URL: <http://www.fairviewmicrowave.com/standard-tnc-male-tnc-male-cable-lmr100-coax-fmc0303100-48-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 TNC Male Cable LMR-100 Coax in 48 Inch		DWG NO FMC0303100		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568