

N Male to N Male Cable LMR-600 Coax in 48 Inch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Velocity of Propagation		87		%
RF Shielding	90			dB
Capacitance		23.4 [76.77]		pF/ft [pF/m]
Inductance		0.058 [0.19]		uH/ft [uH/m]
DC Resistance Inner Conductor		0.53 [1.74]		$\Omega/1000ft$ [Ω/Km]
DC Resistance Outer Conductor		1.2 [3.94]		$\Omega/1000ft$ [Ω/Km]

Mechanical Specifications

Cable Assembly

Length	48 in [121.92 cm]
Diameter	0.91 in [23.11 mm]
Weight	0.76828 lbs [348.49 g]

Cable

Cable Type	LMR-600
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Aluminum
Dielectric Type	PE (F)
Number of Shields	1
Shield Layer 1	Tinned Copper
Shield Layer 2	Aluminum Tape
Jacket Material	PE, Black
Jacket Diameter	0.59 in [14.99 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
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Configuration:

- N Male
- N Male
- LMR-600

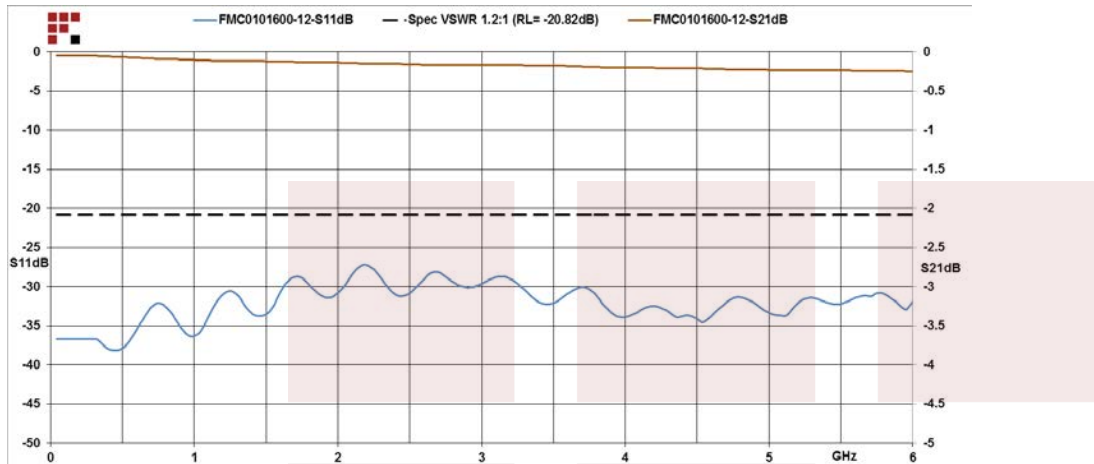
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0101600 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

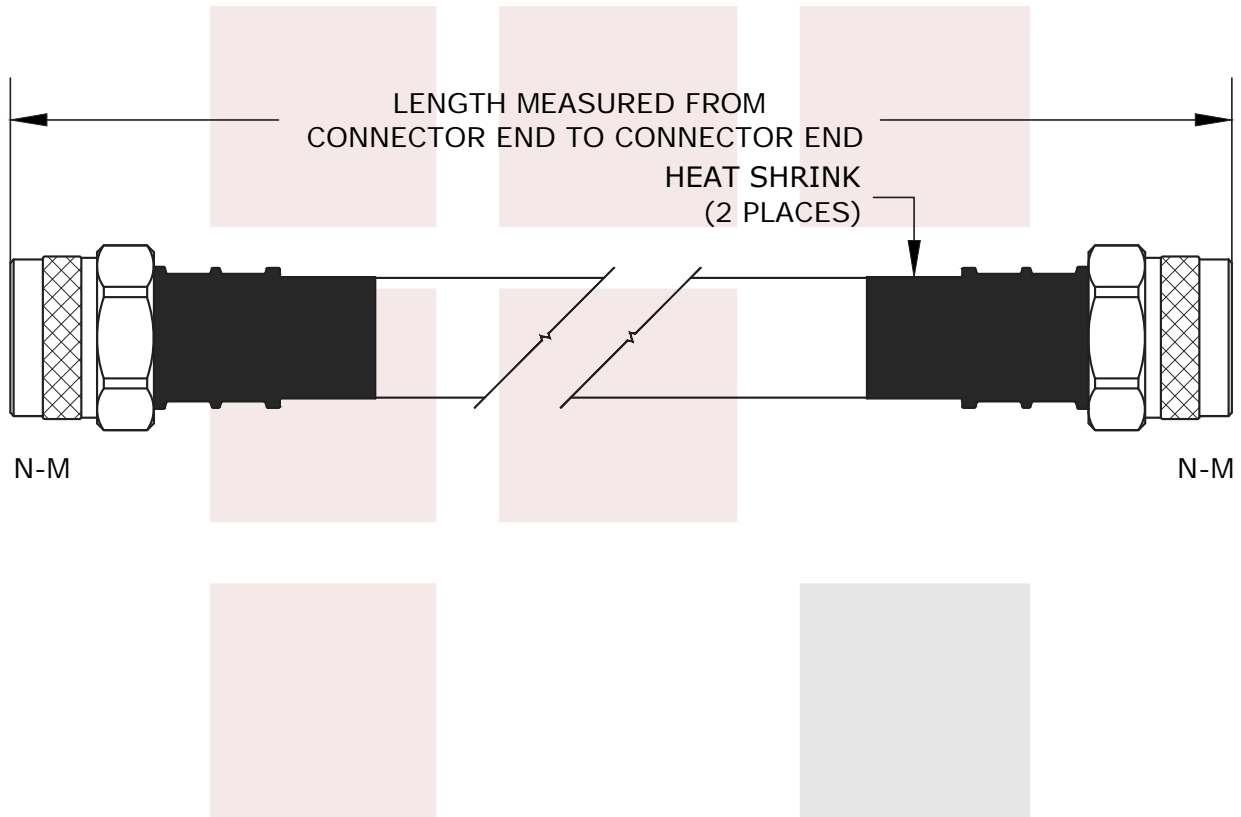
Example: FMC0101600-12 = 12 inches long cable
 FMC0101600-100cm = 100 cm long cable

N Male to N Male Cable LMR-600 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: [N Male to N Male Cable LMR-600 Coax in 48 Inch FMC0101600-48](http://www.fairviewmicrowave.com/n-male-n-male-cable-times-lmr-600-coax-fmc0101600-48)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-times-lmr-600-coax-fmc0101600-48-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 N Male to N Male Cable LMR-600 Coax in 48 Inch		DWG NO FMC0101600-XX		CAGE CODE 3FKR5	
CAD FILE	101014	SHEET	SCALE	N/A	SIZE A 5568