

## N Male to N Male Cable LMR-240 Coax in 6 Inch

General purpose flexible LMR-240 cable assemblies are built using high quality connectors and Times Microwave cable. These cable assemblies are built using double shielded flexible cable providing excellent shielding greater than 90 dB. All Cables are 100% Continuity tested and RF testing is available. These General Purpose cables are intended for, lab use, equipment interconnect and anywhere that lower Insertion loss and greater shielding effectiveness than standard RG type cable is required.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Velocity of Propagation		84		%
RF Shielding	90			dB
Capacitance		24.2 [79.4]		pF/ft [pF/m]
Inductance		0.06 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		3.2 [10.5]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		3.89 [12.76]		$\Omega$ /1000ft [ $\Omega$ /Km]

### Mechanical Specifications

#### Cable Assembly

Length 6 in [152.4 mm]  
Diameter 0.875 in [22.23 mm]

Cable Color Black  
Connection Type In-Series

#### Cable

Cable Type LMR-240  
Impedance 50 Ohms  
Inner Conductor Type Solid  
Dielectric Type PE (F)  
Number of Shields 2  
Shield Layer 1 Tinned Copper  
Shield Layer 2 Aluminum Tape  
Jacket Material PE  
Jacket Diameter 0.24 in [6.1 mm]



### Configuration:

- N Male
- N Male
- LMR-240

### Features:

- N Male to N Male
- Times© LMR-240 Flexible Low Loss Coax
- Heat Shrink Booting
- VoP of 84%
- Custom lengths available
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### Applications:

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

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## Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Connection Method	Standard	Standard
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Outer Conductor Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Hex Size	13/16 inc h	13/16 inch

## Environmental Specifications

### Temperature

Operating Range -40 to +85 deg C

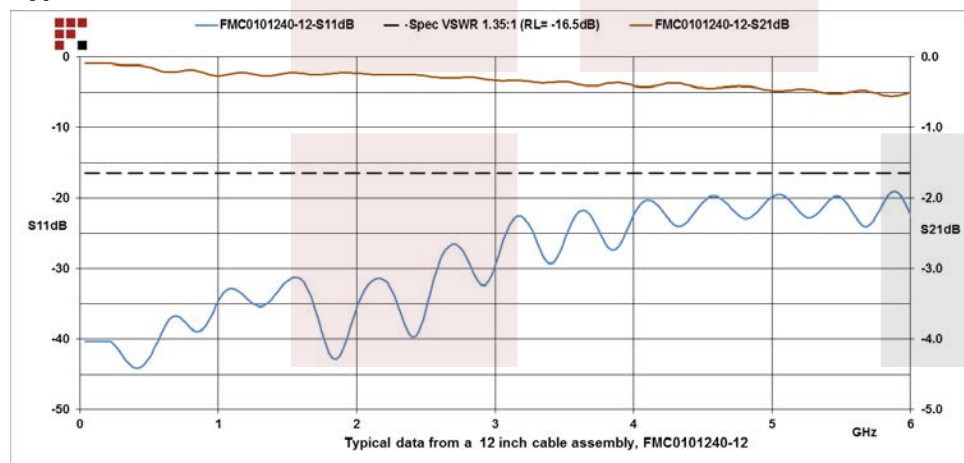
**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

## Plotted and Other Data

Notes:

- Values at +25 °C, sea level

### Typical Performance Data



## How to Order

Part Number Configuration:

**FMC0101240 - xx uu**

cm = Centimeters

<blank> = Inches

Length

Example: FMC0101240-12 = 12 inches long cable  
FMC0101240-100cm = 100 cm long cable

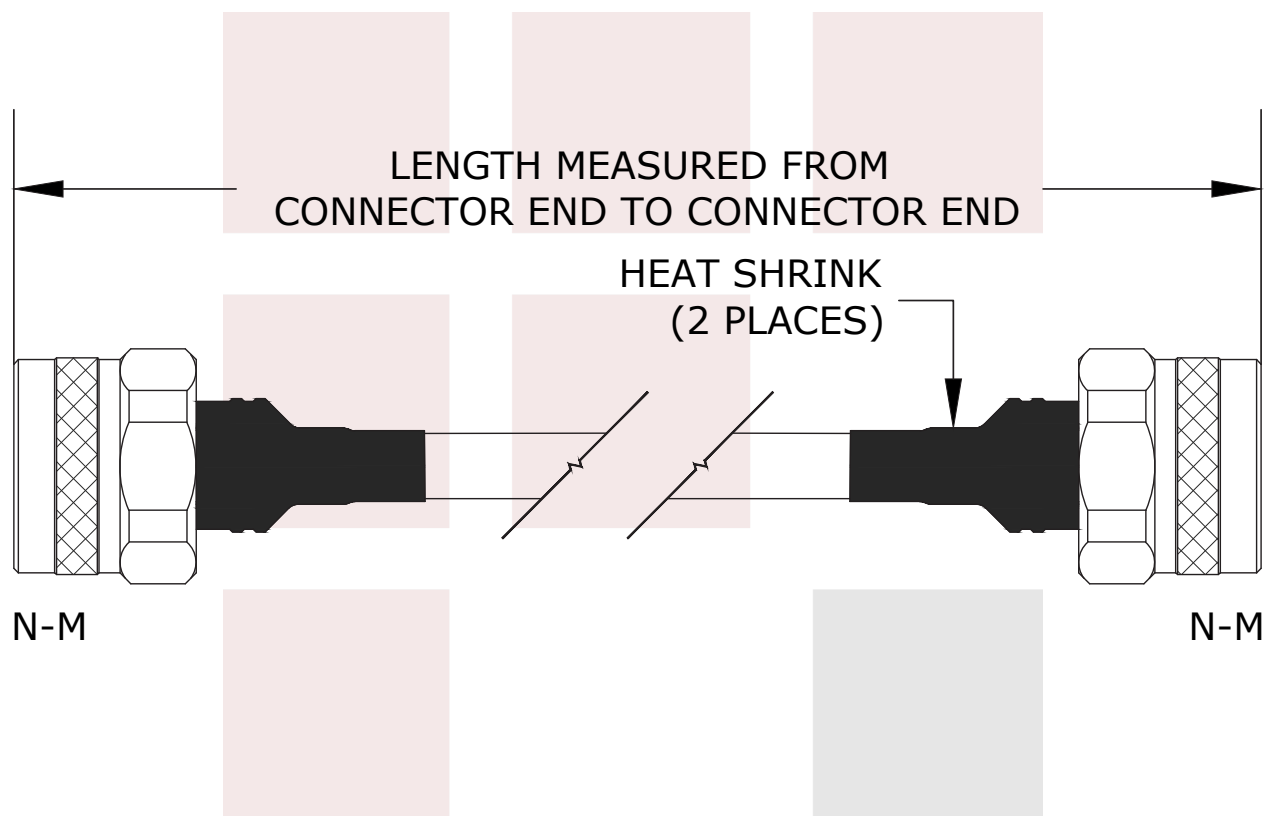
N Male to N Male Cable LMR-240 Coax in 6 Inch from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [N Male to N Male Cable LMR-240 Coax in 6 Inch FMC0101240-06](#)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-lmr-240-coax-fmc0101240-06-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-240 Coax in 6 Inch	DWG NO <b>FMC0101240</b>		CAGE CODE <b>3FKR5</b>		
	CAD FILE 101014	SHEET	SCALE N/A	SIZE A	5568