

## BNC Male to BNC Male Cable LMR-240 Coax in 48 Inch

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	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	48 in [121.92 cm]
Diameter	0.58 in [14.73 mm]
Cable Color	Black
Connection Type	In-Series

#### Cable

Cable Type	LMR-240
Impedance	50 Ohms
Inner Conductor Type	Solid
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
Jacket Diameter	0.24 in [6.1 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Connection Method	Standard	Standard
Contact Material & Plating	Brass, Gold	Brass, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal

### Environmental Specifications

#### Temperature

Operating Range	-40 to +85 deg C
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### Configuration:

- BNC Male
- BNC Male
- LMR-240

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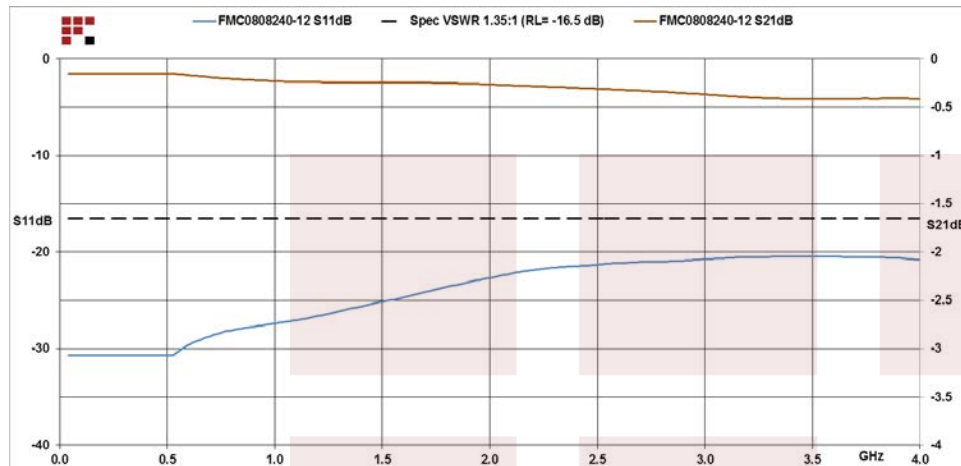
**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

## Plotted and Other Data

Notes:

- Values at +25 °C, sea level

### Typical Performance Data



## How to Order

Part Number Configuration:

**FMC0808240 - xx uu**

cm = Centimeters  
<blank> = Inches

Length

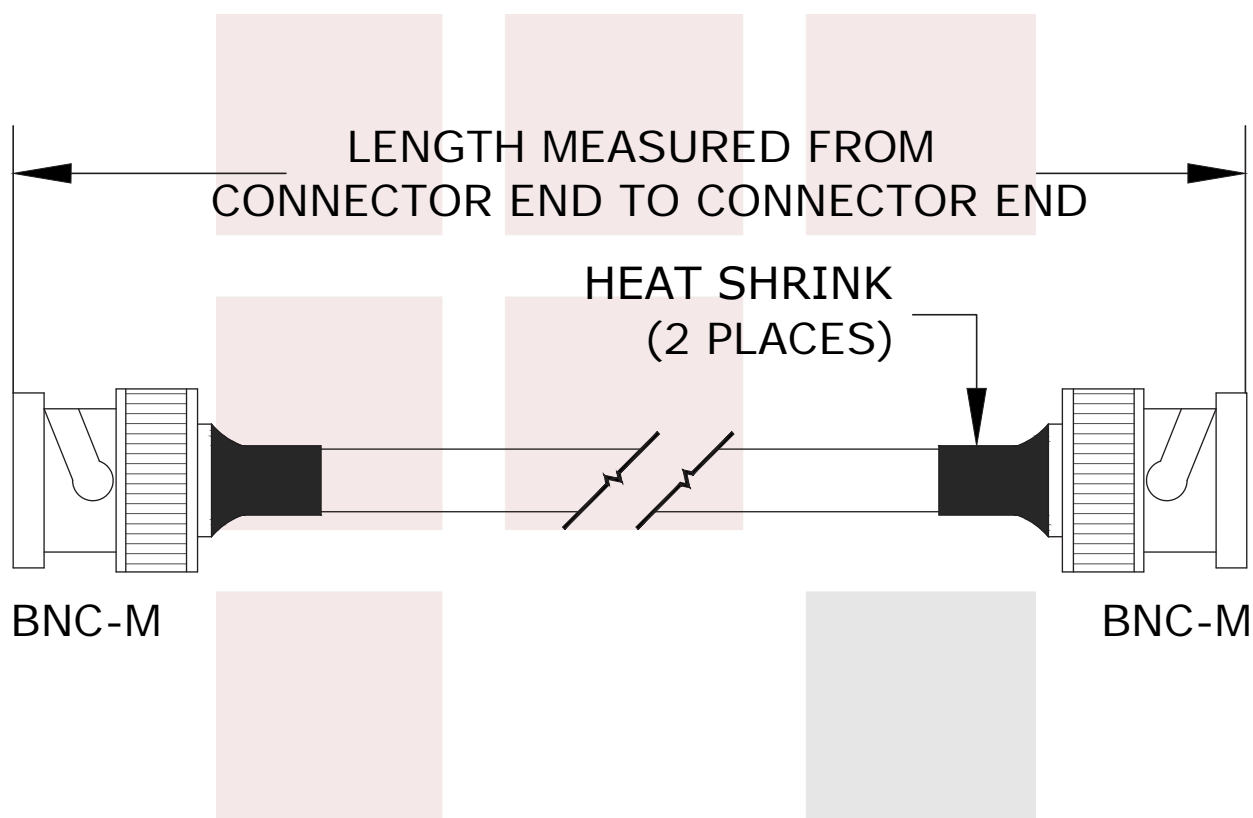
Example: FMC0808240-12 = 12 inches long cable  
FMC0808240-100cm = 100 cm long cable

BNC Male to BNC Male Cable LMR-240 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: [BNC Male to BNC Male Cable LMR-240 Coax in 48 Inch FMC0808240-48](http://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-times-lmr-240-coax-fmc0808240-48-p.aspx)

URL: <http://www.fairviewmicrowave.com/bnc-male-bnc-male-cable-times-lmr-240-coax-fmc0808240-48-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 BNC Male to BNC Male Cable LMR-240 Coax in 48 Inch		DWG NO FMC0808240		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568