

## 75 Ohm BNC Male to 75 Ohm BNC Male Cable 75 Ohm RG-59 Coax in 6 Inch with LF Solder

The 75 ohm BNC male to 75 ohm BNC male 6 inch cable using 75 ohm RG-59 coax, part number FMC0808059LF-06, from Fairview Microwave is in-stock and ships same day. This Fairview BNC to BNC cable assembly has a male to male gender configuration with 75 ohm flexible RG-59 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0808059LF-06 BNC male to BNC male cable assembly operates to 1 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		20.63 [67.68]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Length\* 6 in [152.4 mm]

#### Cable

Cable Type RG-59  
 Impedance 75 Ohms  
 Inner Conductor Type Solid  
 Inner Conductor Material and Plating Copper  
 Dielectric Type PE  
 Number of Shields 1  
 Shield Layer 1 Aluminum Foil  
 Jacket Material PVC, Black  
 Jacket Diameter 0.24 in [6.1 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	BNC Male	BNC Male
Impedance	75 Ohms	75 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50μ in. minimum	50μ in. minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100μ in. minimum	100μ in. minimum



### Configuration:

- BNC Male
- BNC Male
- RG-59

### Features:

- Max Frequency 1 GHz
- 66% Phase Velocity
- PVC Jacket

### Applications:

- General Purpose
- Laboratory Use

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## Environmental Specifications

### Temperature

Operating Range -65 to +165 deg C

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

## Plotted and Other Data

Notes:

## How to Order

Part Number Configuration:

**FMC0808059LF - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

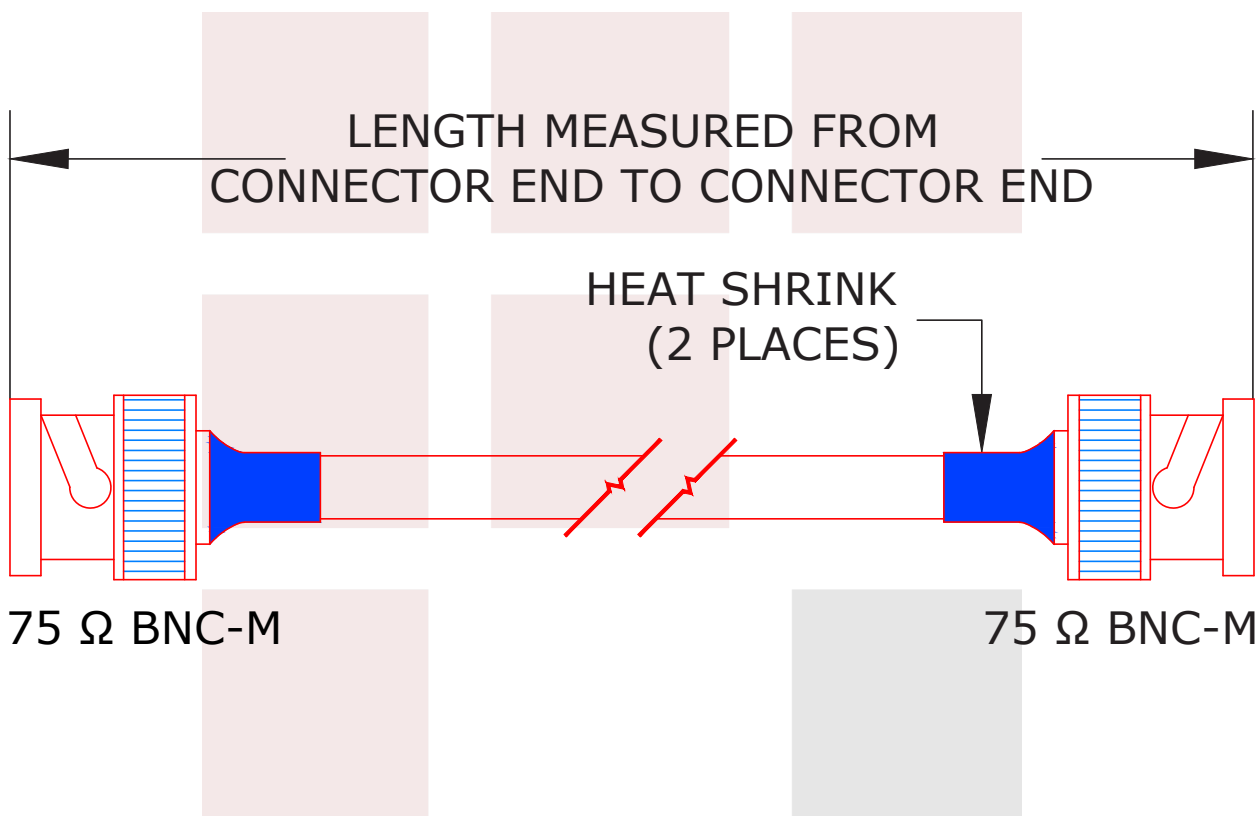
Example: FMC0808059LF-12 = 12 inches long cable  
 FMC0808059LF-100cm = 100 cm long cable

75 Ohm BNC Male to 75 Ohm BNC Male Cable 75 Ohm RG-59 Coax in 6 Inch with LF Solder from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [75 Ohm BNC Male to 75 Ohm BNC Male Cable 75 Ohm RG-59 Coax in 6 Inch with LF Solder FMC0808059LF-06](#)

URL: <https://www.fairviewmicrowave.com/75-ohm-bnc-male-to-75-ohm-bnc-male-cable-75-ohm-rg-59-coax-in-6-inch-with-lf-solder-fmc0808059lf-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 75 Ohm BNC Male to 75 Ohm BNC Male Cable 75 Ohm RG-59 Coax in 6 Inch with LF Solder		DWG NO <b>FMC0808059LF</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568