

## N Male to BNC Male Cable RG-58 Coax in 48 Inch with LF Solder

The type N male to BNC male 48 inch cable using RG-58 coax, part number FMC0108058LF-48, from Fairview Microwave is in-stock and ships same day. This Fairview type N to BNC cable assembly has a male to male gender configuration with 50 ohm flexible RG-58 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0108058LF-48 type N 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			1.35:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Length\* 48 in [121.92 cm]  
Weight 0.165 lbs [74.84 g]

#### Cable

Cable Type RG-58  
Impedance 50 Ohms  
Inner Conductor Type Solid  
Inner Conductor Material and Plating Copper, Tin  
Dielectric Type PE  
Number of Shields 1  
Shield Layer 1 Tinned Copper Braid  
Jacket Material PVC, Black  
Jacket Diameter 0.195 in [4.95 mm]



### Configuration:

- N Male
- BNC Male
- RG-58

### Features:

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

### Applications:

- General Purpose
- Laboratory Use

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**Connectors**

Description	Connector 1	Connector 2
Type	N Male	BNC Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	MIL-G-45204	30µ in. minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	QQ-N-290	100µ in. minimum

**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: **FMC0108058LF - xx uu**

cm = Centimeters  
<blank> = Inches

Length

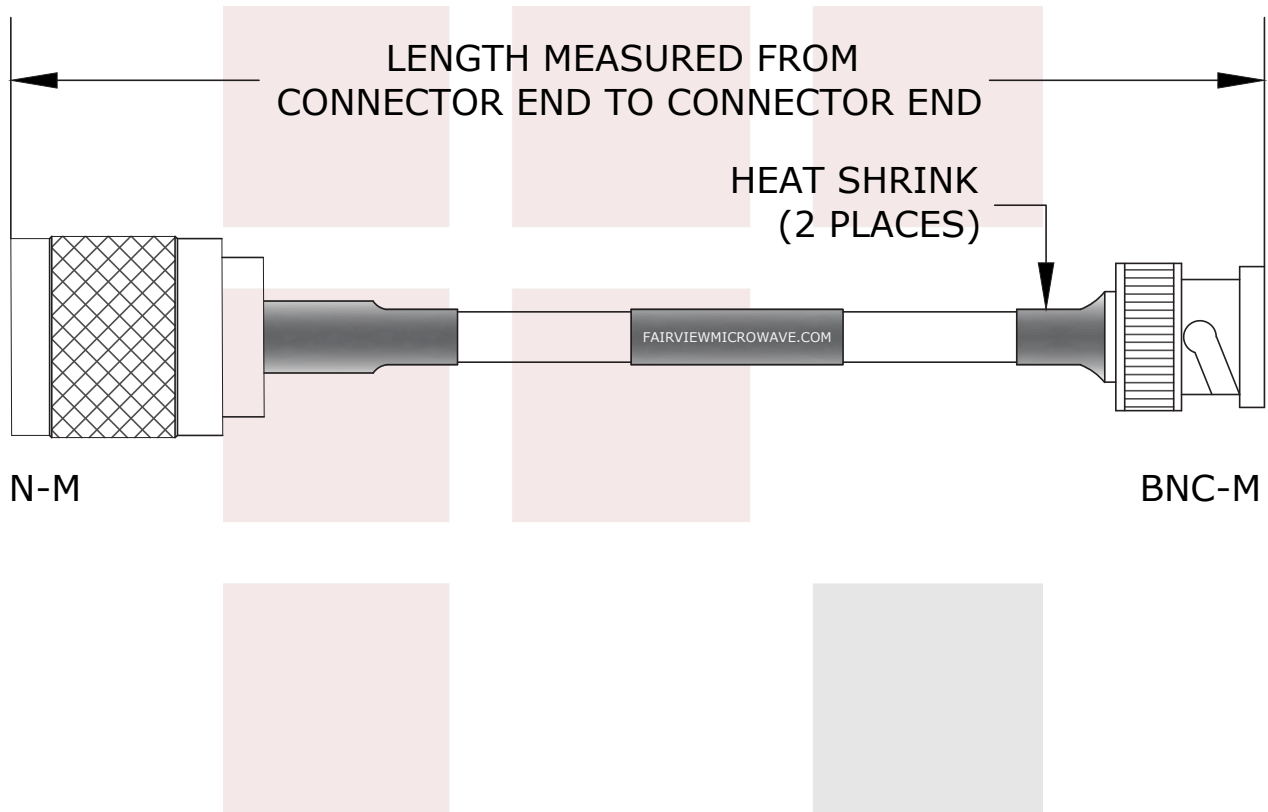
Example: FMC0108058LF-12 = 12 inches long cable  
FMC0108058LF-100cm = 100 cm long cable

N Male to BNC Male Cable RG-58 Coax in 48 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: [N Male to BNC Male Cable RG-58 Coax in 48 Inch with LF Solder FMC0108058LF-48](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-bnc-male-cable-rg58-coax-fmc0108058lf-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 BNC Male Cable RG-58 Coax in 48 Inch with LF Solder		DWG NO FMC0108058LF		CAGE CODE 3FKR5	
CAD FILE	101614	SHEET	SCALE	N/A	SIZE A 5568