

## N Male to TNC Male Cable RG-58 Coax in 12 Inch with LF Solder

The type N male to TNC male 12 inch cable using RG-58 coax, part number FMC0103058LF-12, from Fairview Microwave is in-stock and ships same day. This Fairview type N to TNC 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 FMC0103058LF-12 type N male to TNC 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\* 12 in [304.8 mm]  
 Weight 0.123 lbs [55.79 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
- TNC 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	TNC Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	MIL-G-45204	30 μ minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	QQ-N-290	100 μ minimum

**Environmental Specifications**

**Temperature**

Operating Range -40 to +80 deg C

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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration: **FMC0103058LF - xx uu**

cm = Centimeters  
<blank> = Inches

Length

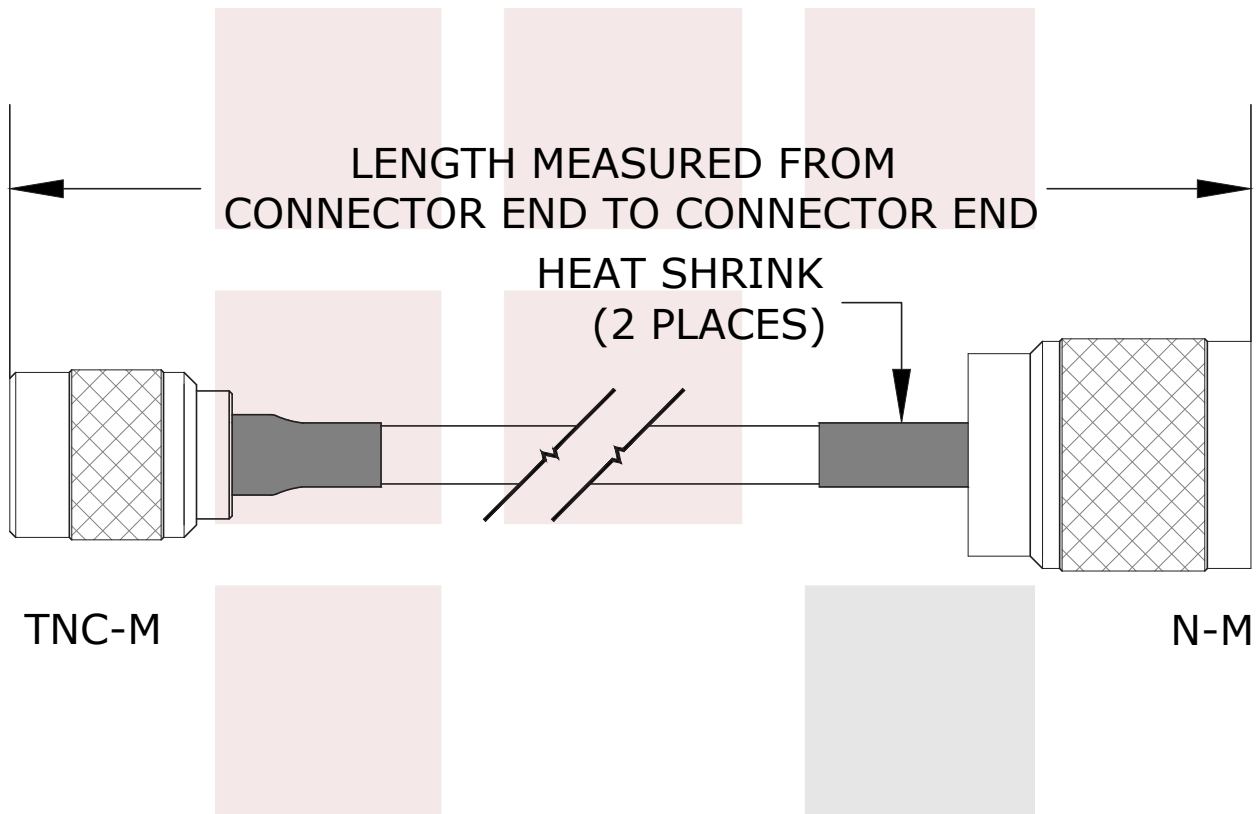
Example: FMC0103058LF-12 = 12 inches long cable  
FMC0103058LF-100cm = 100 cm long cable

N Male to TNC Male Cable RG-58 Coax in 12 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 TNC Male Cable RG-58 Coax in 12 Inch with LF Solder FMC0103058LF-12](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-tnc-male-cable-rg58-coax-fmc0103058lf-12-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 TNC Male Cable RG-58 Coax in 12 Inch with LF Solder		DWG NO FMC0103058LF		CAGE CODE 3FKR5	
CAD FILE	101314	SHEET	SCALE	N/A	SIZE A 5568