

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

The type N male to SMA male 48 inch cable using RG-58 coax, part number FMC0102058LF-48, from Fairview Microwave is in-stock and ships same day. This Fairview type N to SMA 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 FMC0102058LF-48 type N male to SMA male cable assembly operates to 1 GHz. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness.

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 0.173 lbs [78.47 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 2
 Shield Layer 1 Tinned Copper Braid
 Jacket Material PVC, Black
 Jacket Diameter 0.195 in [4.95 mm]



Configuration:

- N Male
- SMA Male
- RG-58

Features:

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

Applications:

- General Purpose
- Laboratory Use

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

Connectors

Description	Connector 1	Connector 2
Type	N Male	SMA Male
Configuration	Straight	Straight
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	MIL-G-45204	50μ in. minimum
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	QQ-N-290	3μ in. minimum
Hex Size		5/16 inch
Torque		4 in-lbs 0.45 Nm

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: **FMC0102058LF - xx uu**

 cm = Centimeters
 <blank> = Inches

Length

 Example: FMC0102058LF-12 = 12 inches long cable
 FMC0102058LF-100cm = 100 cm long cable

N Male to SMA 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 SMA Male Cable RG-58 Coax in 48 Inch with LF Solder FMC0102058LF-48](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-sma-male-cable-rg58-coax-fmc0102058lf-48-p.aspx>

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