

## Low Loss N Male to N Female Bulkhead Cable LMR-600-UF Coax with Times Microwave Components

The type N male to type N female bulkhead cable using LMR-600-UF coax, part number FMC00869, from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N cable assembly has a male to female gender configuration with 50 ohm flexible LMR-600-UF coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. Our RF cable assembly with type N bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. The double shielding of this Fairview cable assembly provides excellent shielding effectiveness of better than 90 dB.

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
Velocity of Propagation		87		%
RF Shielding	90			dB
Group Delay		1.17 [3.84]		ns/ft [ns/m]
Capacitance		23.4 [76.77]		pF/ft [pF/m]
Inductance		0.058 [0.19]		uH/ft [uH/m]
DC Resistance Inner Conductor		0.43 [1.41]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		1.2 [3.94]		$\Omega$ /1000ft [ $\Omega$ /Km]
Jacket Spark			8,000	Vrms

### Mechanical Specifications

#### Cable Assembly

Weight 0.461 lbs [209.11 g]

#### Cable

Cable Type LMR-600-UF  
 Impedance 50 Ohms  
 Inner Conductor Type Stranded  
 Inner Conductor Material and Plating Copper  
 Dielectric Type Foam PE  
 Number of Shields 2  
 Shield Layer 1 Aluminum Tape  
 Shield Layer 2 Tinned Copper  
 Jacket Material TPE, Black  
 Jacket Diameter 0.59 in [14.99 mm]

One Time Minimum Bend Radius 1.5 in [38.1 mm]  
 Repeated Minimum Bend Radius 6 in [152.4 mm]  
 Bending Moment 1.75 lbs-ft [2.37 N-m]  
 Flat Plate Crush 40 lbs/in [0.71 Kg/mm]  
 Tensile Strength 350 lbs [158.76 Kg]



### Configuration:

- N Male
- N Female Bulkhead
- LMR-600-UF

### Features:

- Shielding Effectivity > 90 dB
- 87% Phase Velocity
- Double Shielded
- TPE Jacket

### Applications:

- General Purpose
- Laboratory Use

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**Connectors**

Description	Connector 1	Connector 2
Type	N Male	N Female
Mount Method		Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Contact Plating Spec.	50μ in. minimum	
Dielectric Type	PTFE	Teflon
Body Material & Plating	Brass, Tri-Metal	Brass, Silver
Body Plating Spec.	100μ in. minimum	
Coupling Nut Material & Plating	Brass, Tri-Metal	
Coupling Nut Plating Spec.	100μ in. minimum	
Hex Size	20.57 mm	
Torque	44 in-lbs 4.97 Nm	

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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**FMC00869 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

Example: FMC00869-12 = 12 inches long cable  
 FMC00869-100cm = 100 cm long cable

Low Loss N Male to N Female Bulkhead Cable LMR-600-UF Coax with Times Microwave Components 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: [Low Loss N Male to N Female Bulkhead Cable LMR-600-UF Coax with Times Microwave Components FMC00869](#)

URL: <https://www.fairviewmicrowave.com/low-loss-n-male-to-n-female-bulkhead-cable-lmr-600-uf-coax-with-times-microwave-components-fmc00869-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.

