

## N Male to 7/16 DIN Male Cable LMR-600 Coax

The type N male to 7/16 DIN male cable using LMR-600 coax, part number FMC0115600, from Fairview Microwave is in-stock and ships same day. This Fairview type N to 7/16 DIN cable assembly has a male to male gender configuration with 50 ohm flexible LMR-600 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0115600 type N male to 7/16 DIN male cable assembly operates to 6 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		6	GHz
Velocity of Propagation		87		%
RF Shielding	90			dB
Capacitance		23.4 [76.77]		pF/ft [pF/m]
Inductance		0.058 [0.19]		uH/ft [uH/m]
DC Resistance Inner Conductor		0.53 [1.74]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		1.2 [3.94]		$\Omega$ /1000ft [ $\Omega$ /Km]

### Mechanical Specifications

#### Cable Assembly

Weight 0.12479 lbs [56.6 g]

#### Cable

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



### Configuration:

- N Male
- 7/16 DIN Male
- LMR-600

### Features:

- Max Frequency 6 GHz
- Shielding Effectivity > 90 dB
- 87% Phase Velocity
- PE Jacket

### Applications:

- General Purpose
- Laboratory Use

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**Connectors**

Description	Connector 1	Connector 2
Type	N Male	7/16 DIN Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Silver
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal
Coupling Nut Material & Plating	Brass, Tri-Metal	Brass, Tri-Metal

**Mechanical Specification Notes:**

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8"$ , whichever is greater.

**Environmental Specifications**
**Temperature**

Operating Range

+85 deg C

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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**FMC0115600 - xx uu**

 cm = Centimeters  
 <blank> = Inches

Length

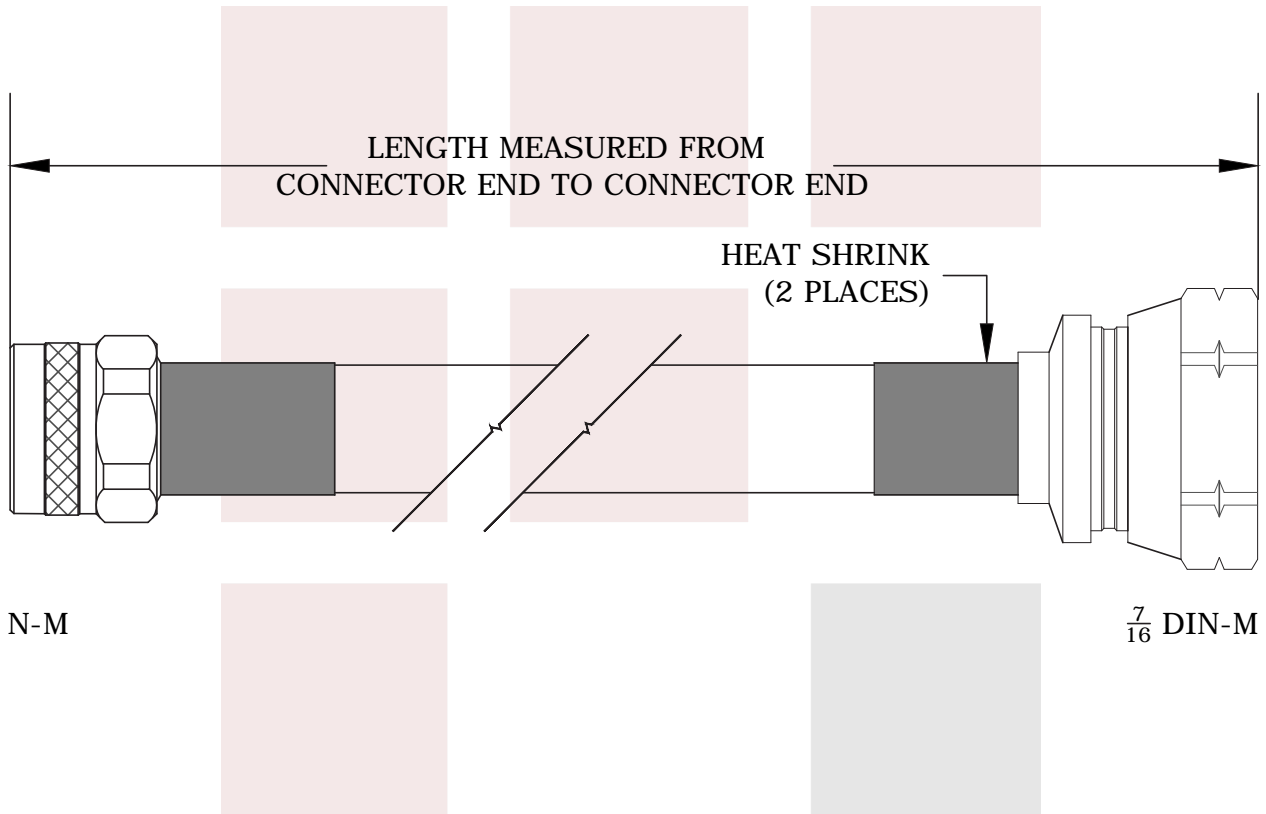
 Example: FMC0115600-12 = 12 inches long cable  
 FMC0115600-100cm = 100 cm long cable

N Male to 7/16 DIN Male Cable LMR-600 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic 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 7/16 DIN Male Cable LMR-600 Coax FMC0115600](#)

URL: <https://www.fairviewmicrowave.com/n-male-7-16-male-cable-lmr-600-coax-fmc0115600-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 7/16 DIN Male Cable LMR-600 Coax		DWG NO FMC0115600		CAGE CODE 3FKR5	
CAD FILE	101614	SHEET	SCALE	N/A	SIZE A 5568