

## Low Loss N Male to TNC Male Cable LMR-195 Coax in 12 Inch with LF Solder

The type N male to TNC male 12 inch cable using LMR-195 coax, part number FMC0103195LF-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 LMR-195 coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0103195LF-12 type N male to TNC male cable assembly operates to 2.5 GHz. 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
Frequency Range	DC		2.5	GHz
VSWR			1.35:1	
Velocity of Propagation		83		%
RF Shielding	90			dB
Capacitance		24.5 [80.38]		pF/ft [pF/m]
Inductance		0.061 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		5.36 [17.59]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		5.9 [19.36]		$\Omega$ /1000ft [ $\Omega$ /Km]

### Mechanical Specifications

#### Cable Assembly

Length*	12 in [304.8 mm]
Weight	0.15 lbs [68.04 g]

#### Cable

Cable Type	LMR-195
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Tinned Copper
Shield Layer 2	Aluminum Tape
Jacket Material	PE, Black
Jacket Diameter	0.195 in [4.95 mm]



### Configuration:

- N Male
- TNC Male
- LMR-195

### Features:

- Max Frequency 2.5 GHz
- Shielding Effectivity > 90 dB
- 83% Phase Velocity
- Double Shielded
- PE Jacket

### Applications:

- General Purpose
- Laboratory Use

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**Connectors**

Description	Connector 1	Connector 2
Type	N Male	TNC Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Tri-Metal	Brass, Silver

**Environmental Specifications**

**Temperature**

Operating Range

-65 to +85 deg C

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

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**FMC0103195LF - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

Example: FMC0103195LF-12 = 12 inches long cable  
FMC0103195LF-100cm = 100 cm long cable

Low Loss N Male to TNC Male Cable LMR-195 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: [Low Loss N Male to TNC Male Cable LMR-195 Coax in 12 Inch with LF Solder FMC0103195LF-12](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-tnc-male-cable-lmr195-coax-fmc0103195lf-12-p.aspx>

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