

**N Male to TNC Male Cable LMR-195 Coax in 48 Inch**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		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 48 in [121.92 cm]  
 Diameter 0.8125 in [20.64 mm]

**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]

**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** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

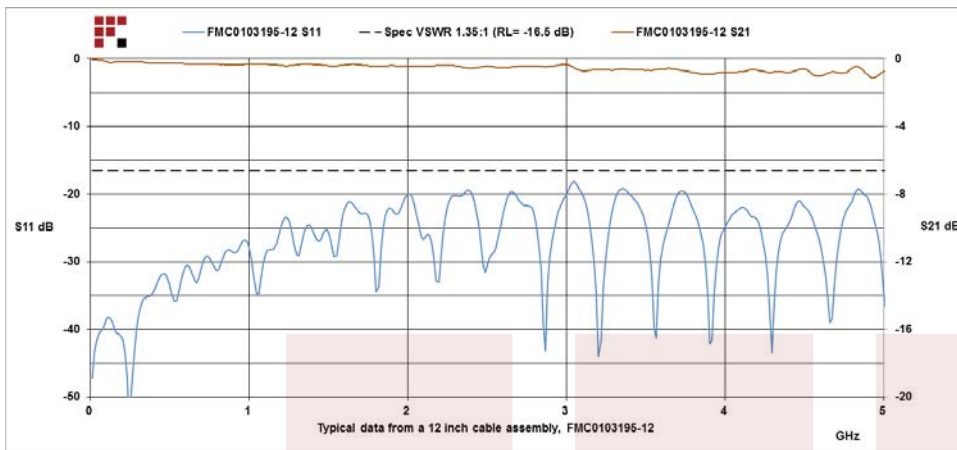


**Configuration:**

- N Male
- TNC Male
- LMR-195

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**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0103195 - xx uu**

cm = Centimeters  
<blank> = Inches  
Length

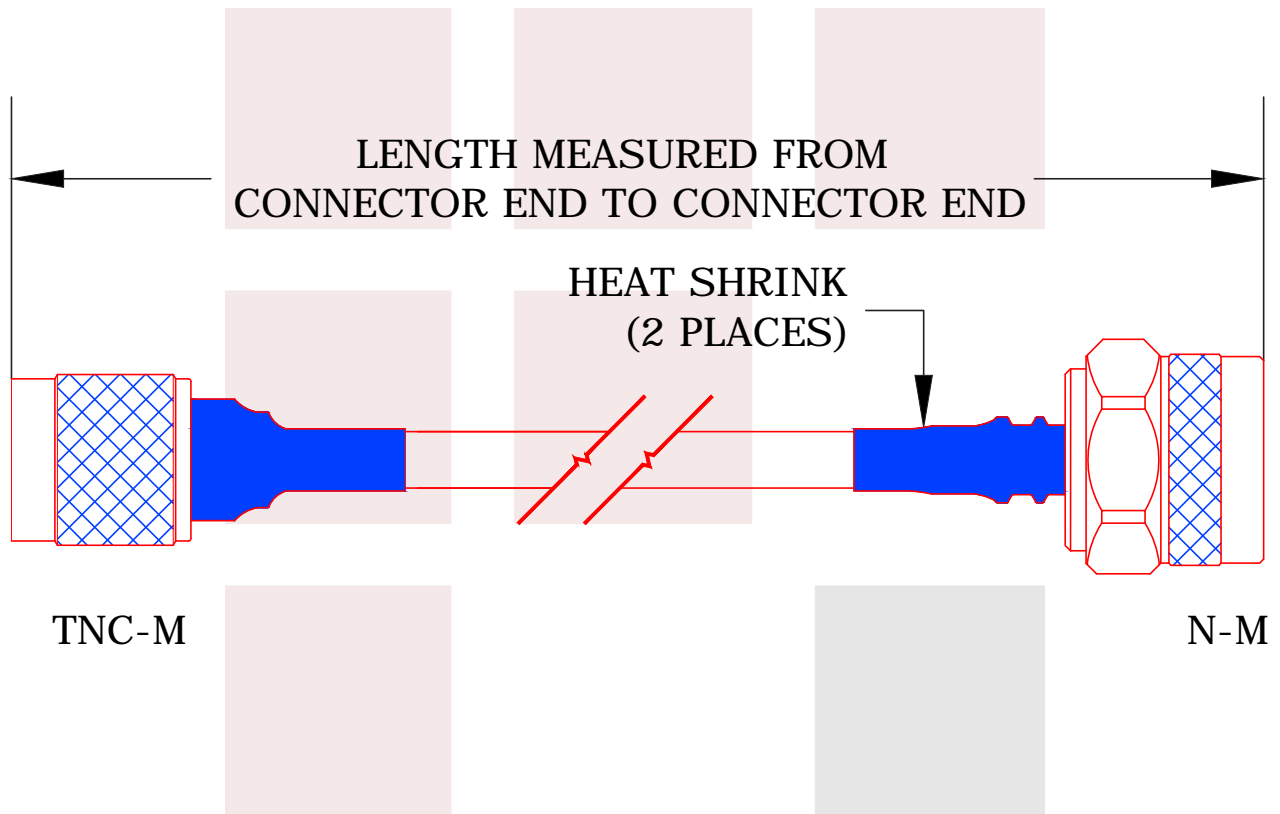
Example: FMC0103195-12 = 12 inches long cable  
FMC0103195-100cm = 100 cm long cable

N Male to TNC Male Cable LMR-195 Coax in 48 Inch 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 TNC Male Cable LMR-195 Coax in 48 Inch FMC0103195-48](#)

URL: <http://www.fairviewmicrowave.com/n-male-tnc-male-cable-lmr195-coax-fmc0103195-48-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 LMR-195 Coax in 48 Inch		DWG NO <b>FMC0103195</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	101314	SHEET	SCALE	N/A	SIZE A 5568