

**N Male to SMA 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 0.89 in [22.61 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	SMA Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Spec.		50 $\mu$ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	13/16 inch	5/16 inch
Torque		4 in-lbs [0.45 Nm]
Body Material & Plating	Brass, Tri-Metal	Brass, Gold
Body Plating Spec.		3 $\mu$ in. minimum

**Environmental Specifications**

**Temperature**

Operating Range -40 to +85 deg C



**Configuration:**

- N Male
- SMA Male
- LMR-195

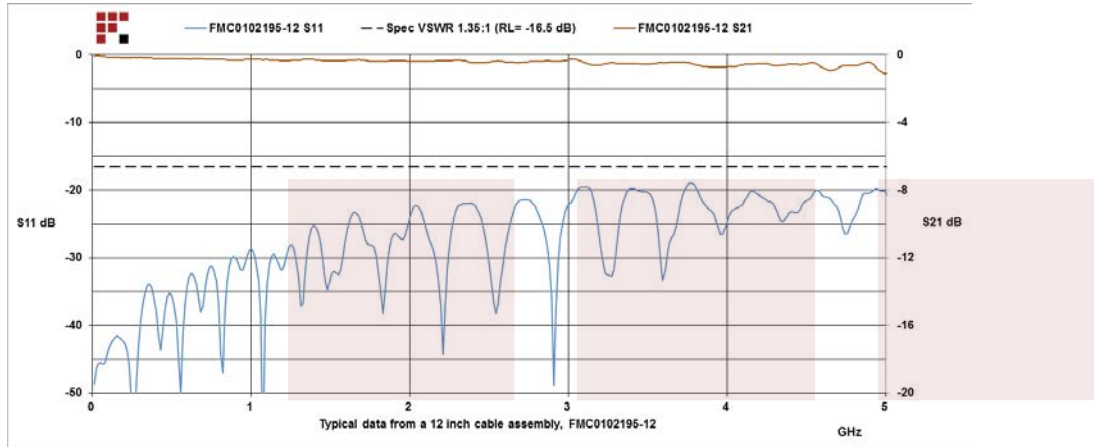
Fairview Microwave  
 1130 Junction Dr. #100  
 Allen, TX 75013  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0102195 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

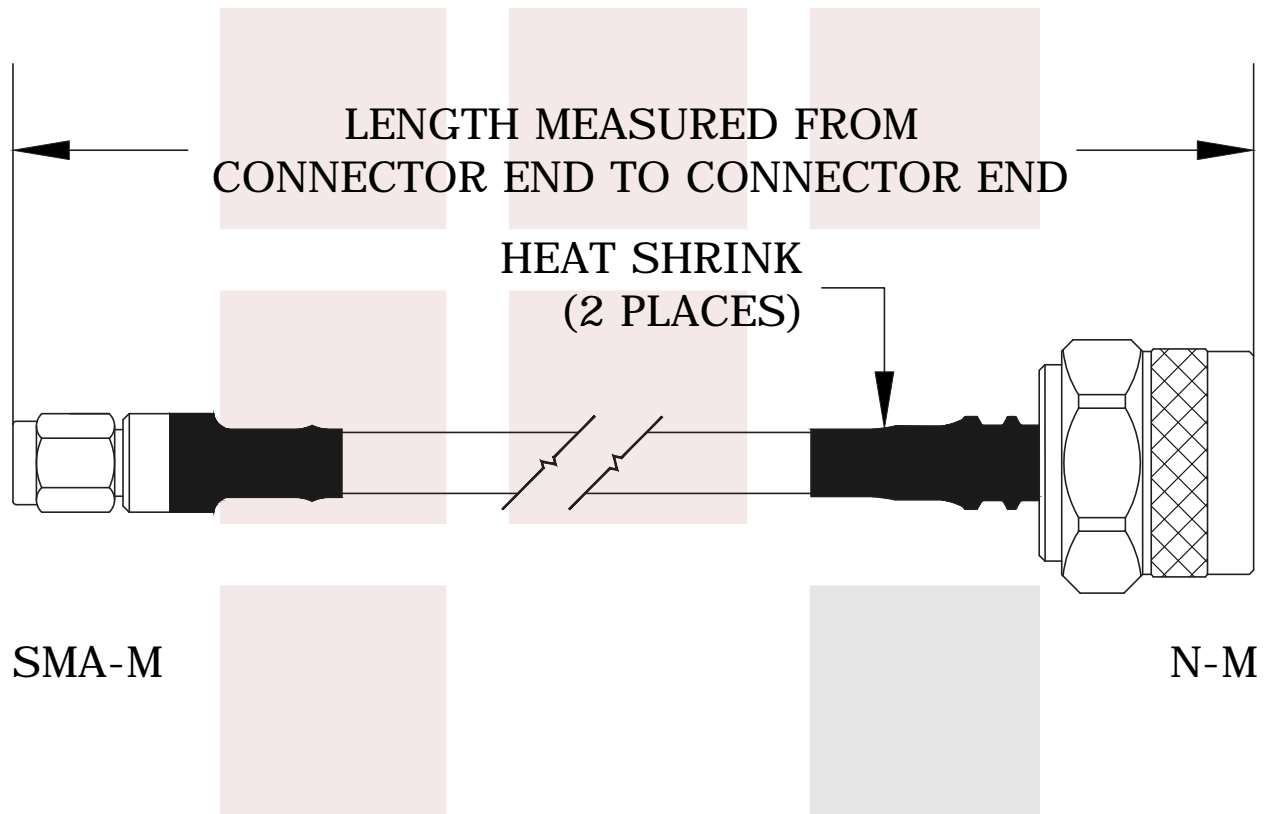
Example: FMC0102195-12 = 12 inches long cable  
 FMC0102195-100cm = 100 cm long cable

N Male to SMA 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 SMA Male Cable LMR-195 Coax in 48 Inch FMC0102195-48](http://www.fairviewmicrowave.com/n-male-sma-male-cable-lmr195-coax-fmc0102195-48)

URL: <http://www.fairviewmicrowave.com/n-male-sma-male-cable-lmr195-coax-fmc0102195-48-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.



<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE N Male to SMA Male Cable LMR-195 Coax in 48 Inch		DWG NO <b>FMC0102195</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE 101014	SHEET	SCALE N/A	SIZE A	5568	

