

N Male to N Male Cable LMR-195 Coax in 12 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]		$\Omega/1000\text{ft} [\Omega/\text{Km}]$
DC Resistance Outer Conductor		5.9 [19.36]		$\Omega/1000\text{ft} [\Omega/\text{Km}]$

Mechanical Specifications
Cable Assembly

Length	12 in [304.8 mm]
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 PE (F)
Dielectric Type	2
Number of Shields	Tinned Copper
Shield Layer 1	Aluminum Tape
Shield Layer 2	PE, Black
Jacket Material	
Jacket Diameter	0.195 in [4.95 mm]

Connectors

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

Environmental Specifications
Temperature

Operating Range	-65 to +85 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

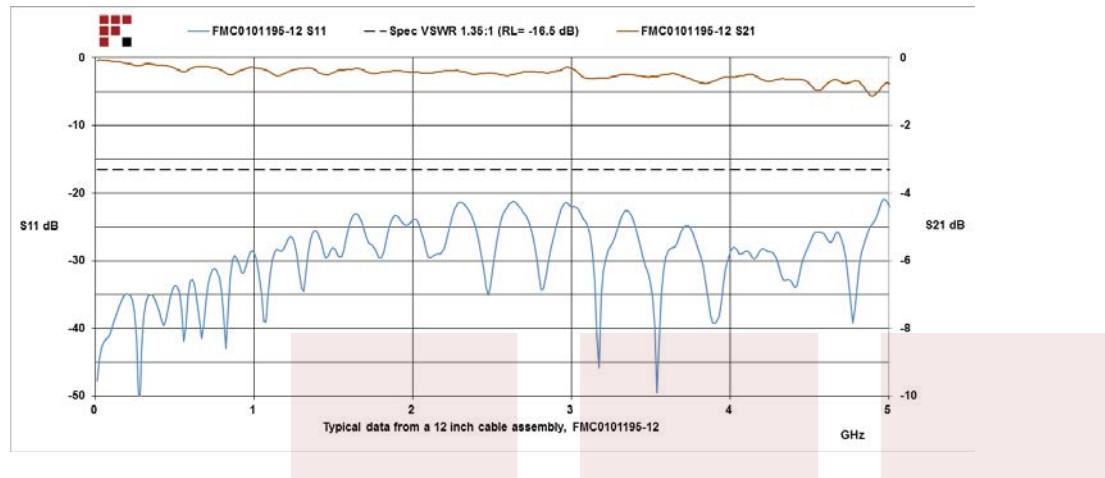
Notes:


Configuration:

- N Male
- N Male
- LMR-195

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0101195 - xx uu

cm = Centimeters
<blank> = Inches

Length

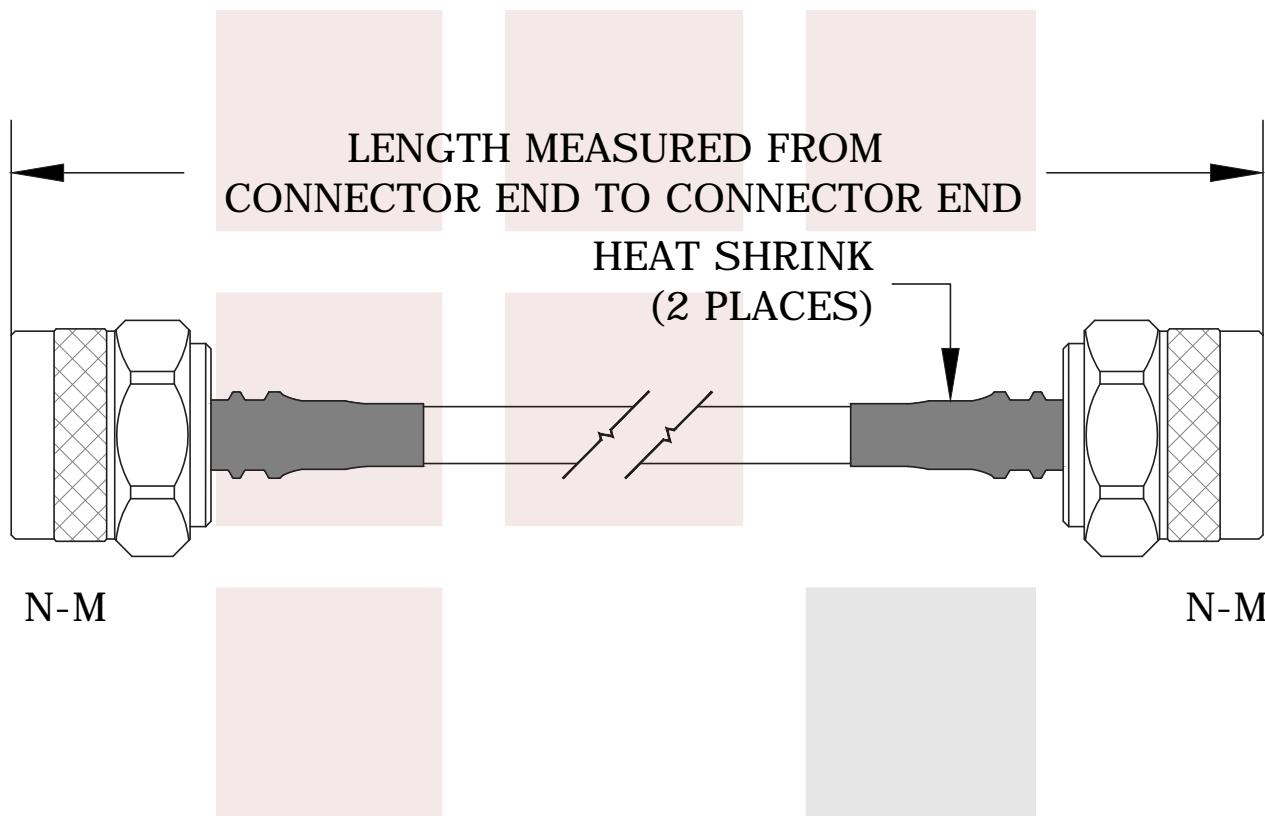
Example: FMC0101195-12 = 12 inches long cable
FMC0101195-100cm = 100 cm long cable

N Male to N Male Cable LMR-195 Coax in 12 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 N Male Cable LMR-195 Coax in 12 Inch FMC0101195-12](#)

URL: <http://www.fairviewmicrowave.com/n-male-n-male-cable-lmr195-coax-fmc0101195-12-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 N Male Cable LMR-195 Coax in 12 Inch		DWG NO FMC0101195		CAGE CODE 3FKR5	
		CAD FILE	101014	SCALE	N/A
		SHEET		SIZE	A
					5568