

N Male to RP SMA Male Cable LMR-240 Coax and RoHS

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Velocity of Propagation		84		%
RF Shielding	90			dB
Group Delay		1.21 [3.97]		ns/ft [ns/m]
Capacitance		24.2 [79.4]		pF/ft [pF/m]
Inductance		0.06 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		3.2 [10.5]		Ω /1000ft [Ω /Km]
DC Resistance Outer Conductor		3.89 [12.76]		Ω /1000ft [Ω /Km]
Jacket Spark			5,000	Vrms

Configuration:

- N Male
- SMA Male Reverse Polarity
- LMR-240

Mechanical Specifications

Cable Assembly

Diameter 0.312 in [7.92 mm]

Weight 0.054 lbs [24.49 g]

Cable

Cable Type LMR-240
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper
 Dielectric Type PE (F)
 Number of Shields 2
 Shield Layer 1 Aluminum Tape
 Shield Layer 2 Tinned Copper Braid
 Jacket Material PE, Black
 Jacket Diameter 0.24 in [6.1 mm]

One Time Minimum Bend Radius 0.75 in [19.05 mm]
 Repeated Minimum Bend Radius 2.5 in [63.5 mm]
 Bending Moment 0.25 lbs-ft [0.34 N-m]
 Flat Plate Crush 20 lbs/in [0.36 Kg/mm]
 Tensile Strength 80 lbs [36.29 Kg]

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

Connectors

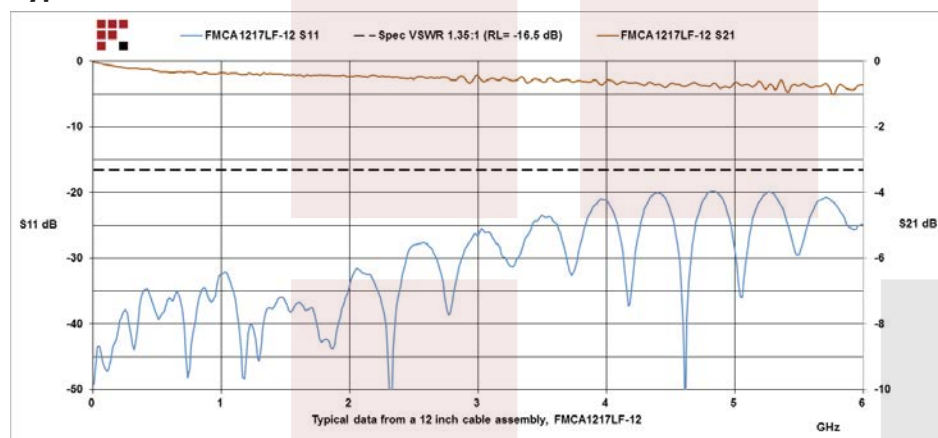
Description	Connector 1	Connector 2
Type	N Male	SMA Male
Polarity	Standard	Reverse Polarity
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating	Brass, Gold	Brass, Gold
Hex Size	5/16 in.	5/16 in.
Torque	5 in-lbs [0.57 Nm]	5 in-lbs [0.57 Nm]
Body Material & Plating	Brass, Gold	Brass, Gold

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

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMCA1217LF - xx uu

cm = Centimeters
<blank> = Inches

Length

Example: FMCA1217LF-12 = 12 inches long cable
FMCA1217LF-100cm = 100 cm long cable

N Male to RP SMA Male Cable LMR-240 Coax and RoHS 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 RP SMA Male Cable LMR-240 Coax and RoHS FMCA1217LF](#)

URL: <https://www.fairviewmicrowave.com/standard-sma-male-sma-male-cable-lmr240-coax-fmca1217lf-p.aspx>

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