

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

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
VSWR			1.35:1	
Velocity of Propagation		84		%
RF Shielding	90			dB
Capacitance		24.2 [79.4]		pF/ft [pF/m]
Inductance		0.06 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		4.28 [14.04]		$\Omega/1000ft$ [Ω/Km]
DC Resistance Outer Conductor		3.89 [12.76]		$\Omega/1000ft$ [Ω/Km]
				dB/m
				dB/m

Mechanical Specifications

Cable Assembly

Diameter	0.89 in [22.61 mm]
Weight	0.09595 lbs [43.52 g]

Cable

Cable Type	LMR-240-UF
Impedance	50 Ohms
Inner Conductor Type	Stranded
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	0.24 in [6.1 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	SMA Male
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Beryllium Copper, Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Tri-Metal	Brass
Hex Size		5/16 In.

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
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Configuration:

- N Male
- SMA Male
- LMR-240-UF

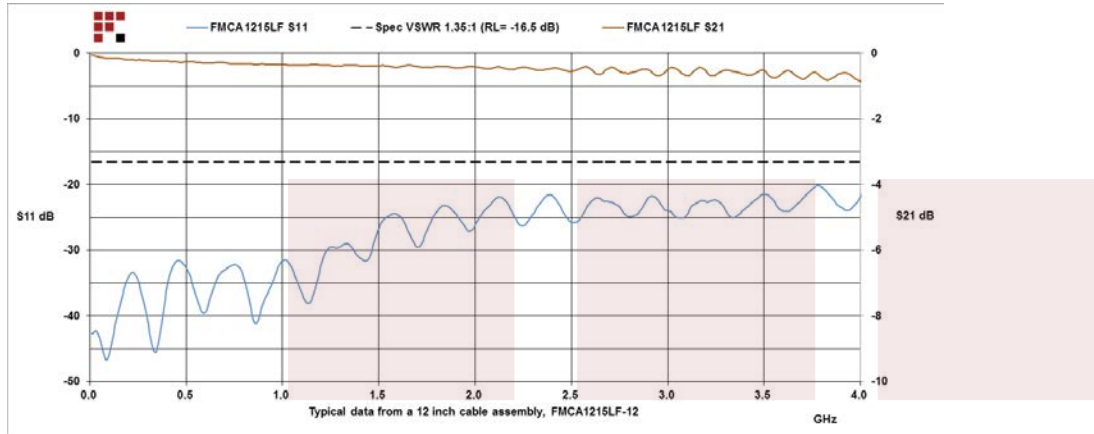
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMCA1215LF - xx uu

cm = Centimeters
 <blank> = Inches
 Length

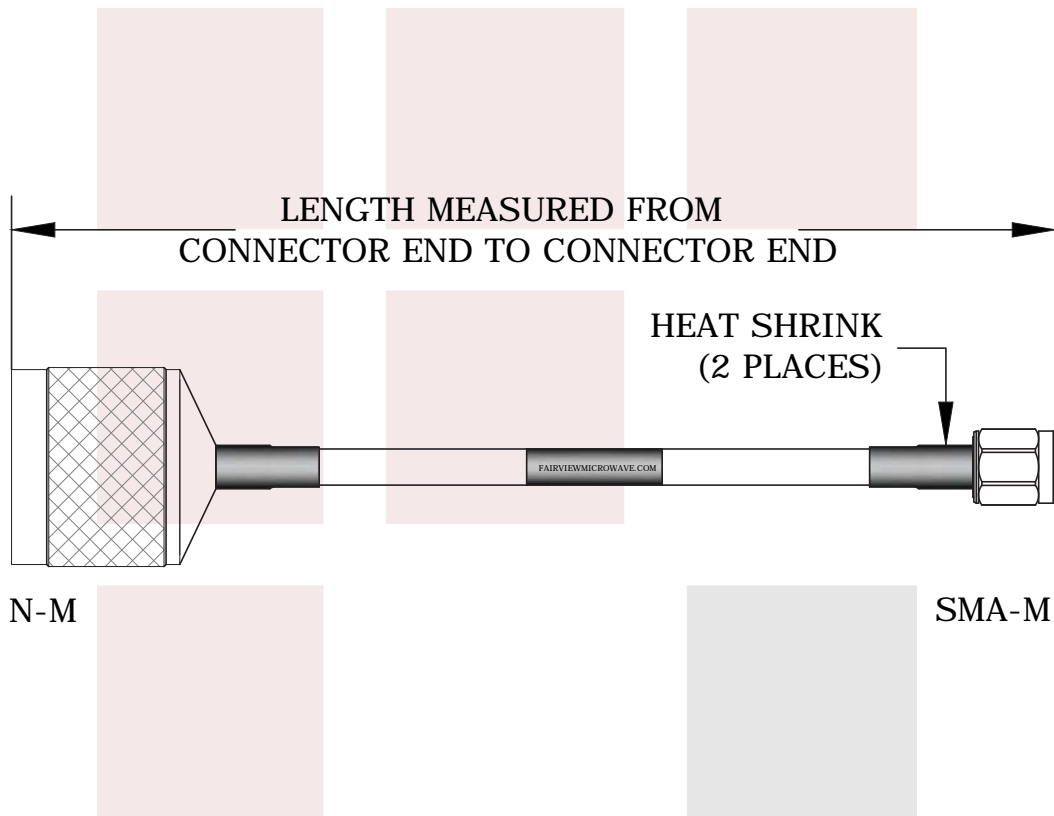
Example: FMCA1215LF-12 = 12 inches long cable
 FMCA1215LF-100cm = 100 cm long cable

N Male to SMA Male Cable LMR-240-UF 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 SMA Male Cable LMR-240-UF Coax and RoHS FMCA1215LF](#)

URL: <https://www.fairviewmicrowave.com/standard-n-male-sma-male-cable-lmr240uf-coax-fmca1215lf-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 SMA Male Cable LMR-240-UF Coax and RoHS		DWG NO FMCA1215LF		CAGE CODE 3FKR5	
CAD FILE	040416	SHEET	SCALE	N/A	SIZE A 5568