

RP SMA Female to RP SMA Female Cable
LMR-240 Coax

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.4:1	
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

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]

Connectors

Description	Connector 1	Connector 2
Type	SMA Female	SMA Female
Polarity	Reverse Polarity	Reverse Polarity
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Body Material & Plating	Brass, Gold	Brass, Gold



Configuration:

- SMA Female Reverse Polarity
- SMA Female Reverse Polarity
- LMR-240

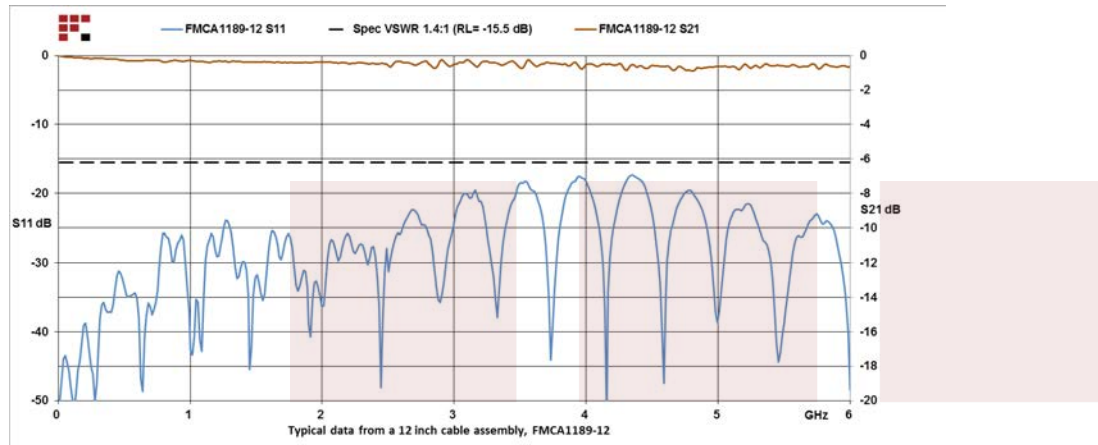
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMCA1189 - xx uu

cm = Centimeters
<blank> = Inches
Length

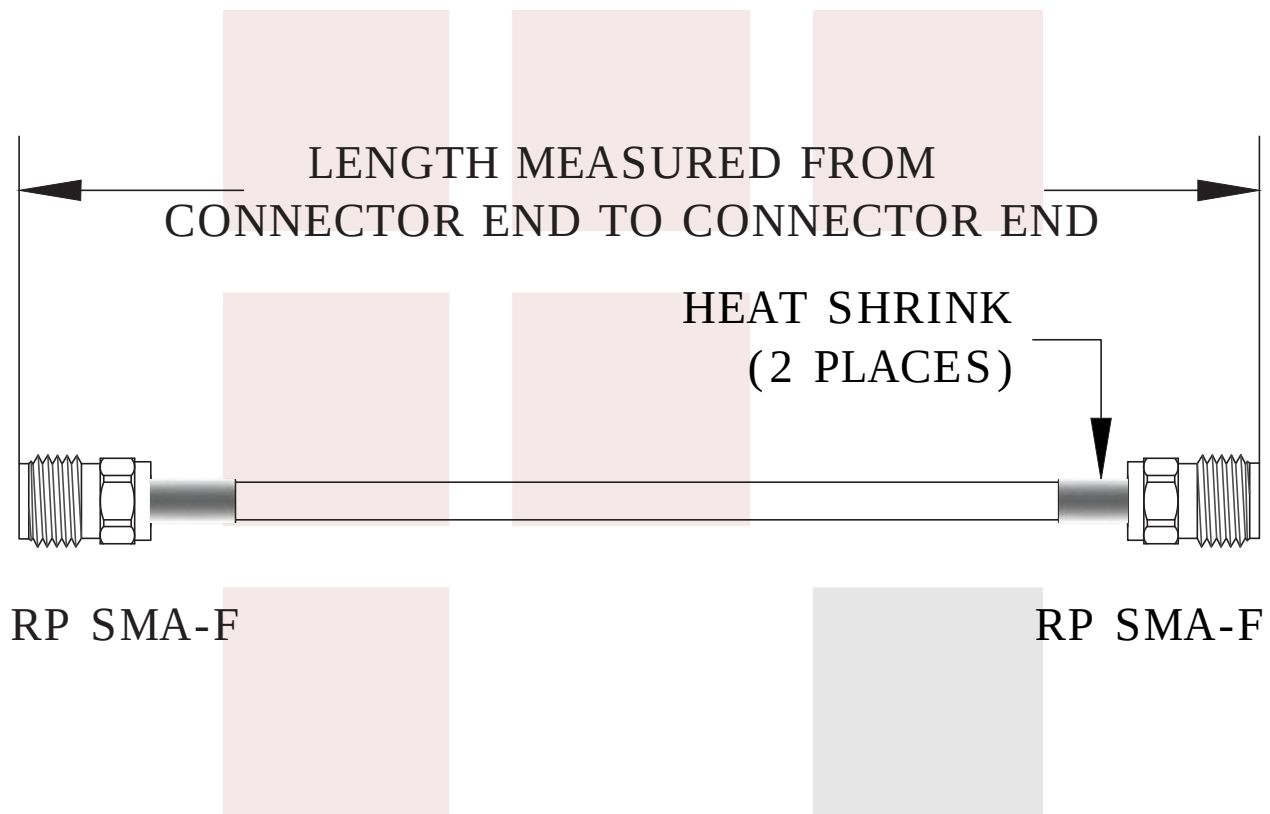
Example: FMCA1189-12 = 12 inches long cable
FMCA1189-100cm = 100 cm long cable

RP SMA Female to RP SMA Female Cable LMR-240 Coax 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: [RP SMA Female to RP SMA Female Cable LMR-240 Coax FMCA1189](#)

URL: <https://www.fairviewmicrowave.com/sma-female-sma-female-cable-lmr240-coax-fmca1189-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 RP SMA Female to RP SMA Female Cable LMR-240 Coax	DWG NO FMCA1189		CAGE CODE 3FKR5		
	CAD FILE 103014	SHEET	SCALE N/A	SIZE A	5568