Fairview Microwave
RF COMPONENTS ON DEMAND. Done!

FMCA1190LF
DATA SHEET

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

Configuration:

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

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

Mechanical Specifications

Cable Assembly

Diameter	0.312 in [7.92 mm]

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

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

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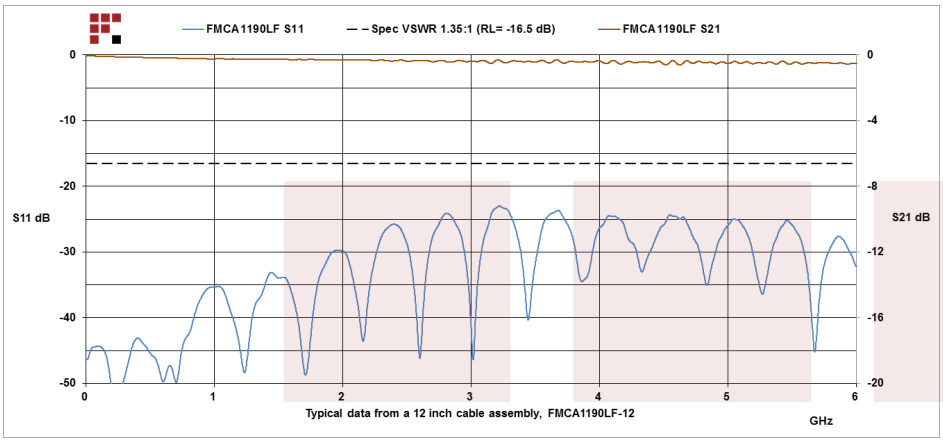
Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration: **FMCA1190LF - xx uu**

- uu: cm = Centimeters; <blank> = Inches
- xx: Length

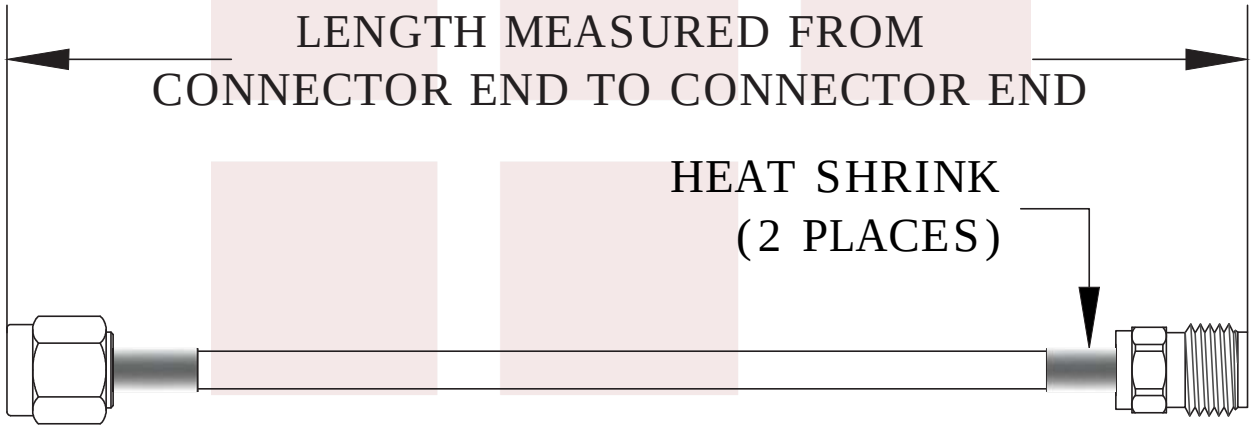
Example: FMCA1190LF-12 = 12 inches long cable
FMCA1190LF-100cm = 100 cm long cable

RP SMA Male to RP SMA Female 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: RP SMA Male to RP SMA Female Cable LMR-240 Coax and RoHS FMCA1190LF

URL: https://www.fairviewmicrowave.com/standard-sma-male-sma-female-cable-lmr240-coax-fmca1190lf-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.



FAIRVIEW MICROWAVE INC. 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 RP SMA Male to RP SMA Female Cable LMR-240 Coax and RoHS	DWG NO FMCA1190LF		CAGE CODE 3FKR5		
	CAD FILE 103014	SHEET	SCALE N/A	SIZE A	5568

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