

**SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors and RoHS Compliant**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		6	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		3.2 [10.5]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		3.89 [12.76]		$\Omega$ /1000ft [ $\Omega$ /Km]

**Mechanical Specifications**

**Cable Assembly**

Diameter	0.815 in [20.7 mm]
Weight	0.03748 lbs [17 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	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	SMA Male	SMA Male
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Phosphor Bronze, Gold
Contact Plating Spec.		MIL-G-45204
Dielectric Type	PTFE	PTFE
Coupling Nut Material & Plating	Brass, Tri-Metal	
Hex Size	5/16 inch	5/16 inch
Body Material & Plating	Brass, Tri-Metal	Brass, Nickel
Body Plating Spec.		QQ-N-290

**Environmental Specifications**

**Temperature**

Operating Range	-40 to +85 deg C
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**Configuration:**

- SMA Male
- SMA Male Right Angle
- LMR-240

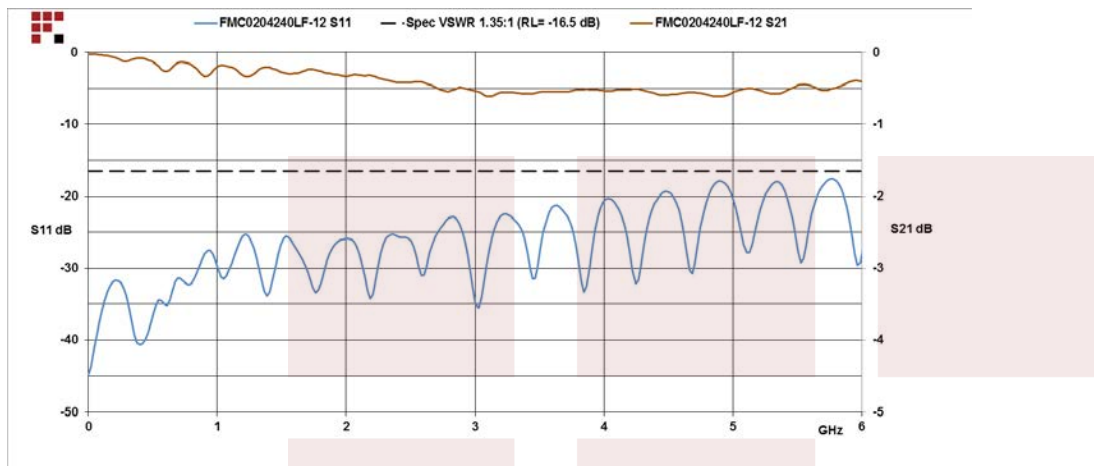
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)  
 RoHS Compliant Yes

**Plotted and Other Data**

Notes:

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0204240LF - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

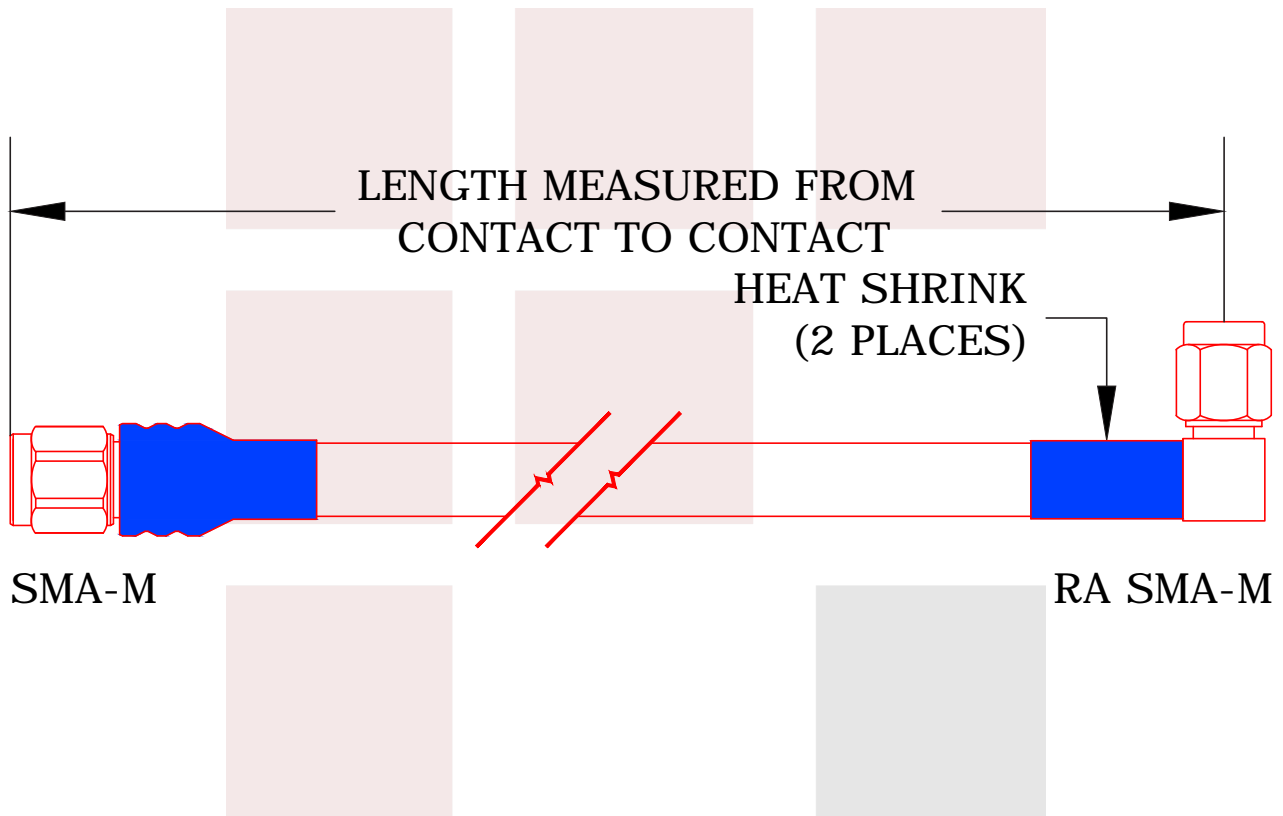
Example: FMC0204240LF-12 = 12 inches long cable  
 FMC0204240LF-100cm = 100 cm long cable

SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors and RoHS Compliant 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: [SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors and RoHS Compliant FMC0204240LF](http://www.fairviewmicrowave.com/standard-sma-male-ra-sma-male-cable-lmr240-coax-fmc0204240lf-p.aspx)

URL: <http://www.fairviewmicrowave.com/standard-sma-male-ra-sma-male-cable-lmr240-coax-fmc0204240lf-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 SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors and RoHS Compliant		DWG NO FMC0204240LF		CAGE CODE 3FKR5	
CAD FILE	101514	SHEET	SCALE	N/A	SIZE A 5568