

RA SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors

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]		Ω /1000ft [Ω /Km]
DC Resistance Outer Conductor		3.89 [12.76]		Ω /1000ft [Ω /Km]

Mechanical Specifications

Cable Assembly

Diameter	0.6951 in [17.66 mm]
Weight	0.04144 lbs [18.8 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
Configuration	Right Angle	Right Angle
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Phosphor Bronze, Gold	Phosphor Bronze, Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Dielectric Type	Teflon	Teflon
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	QQ-N-290	QQ-N-290

Environmental Specifications

Temperature

Operating Range	-40 to +85 deg C
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Configuration:

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

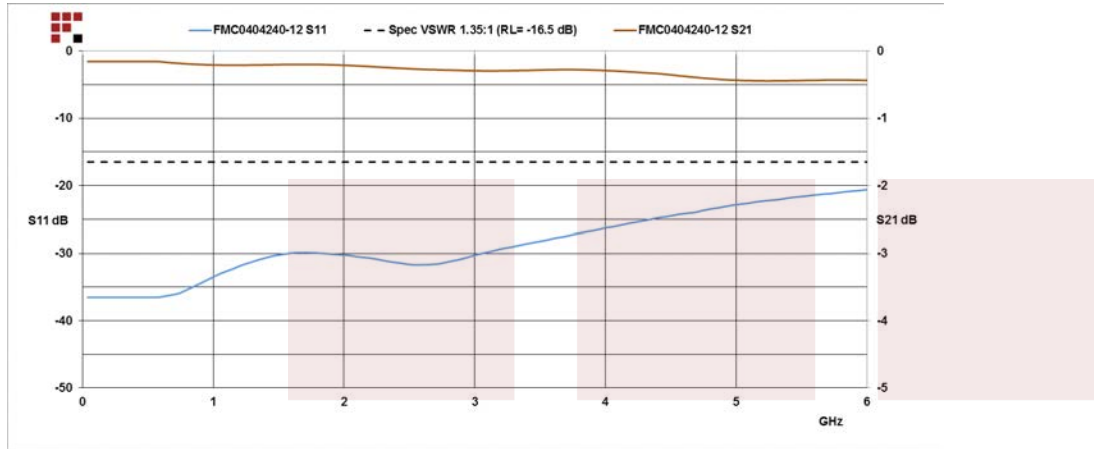
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0404240 - xx uu

cm = Centimeters
 <blank> = Inches
 Length

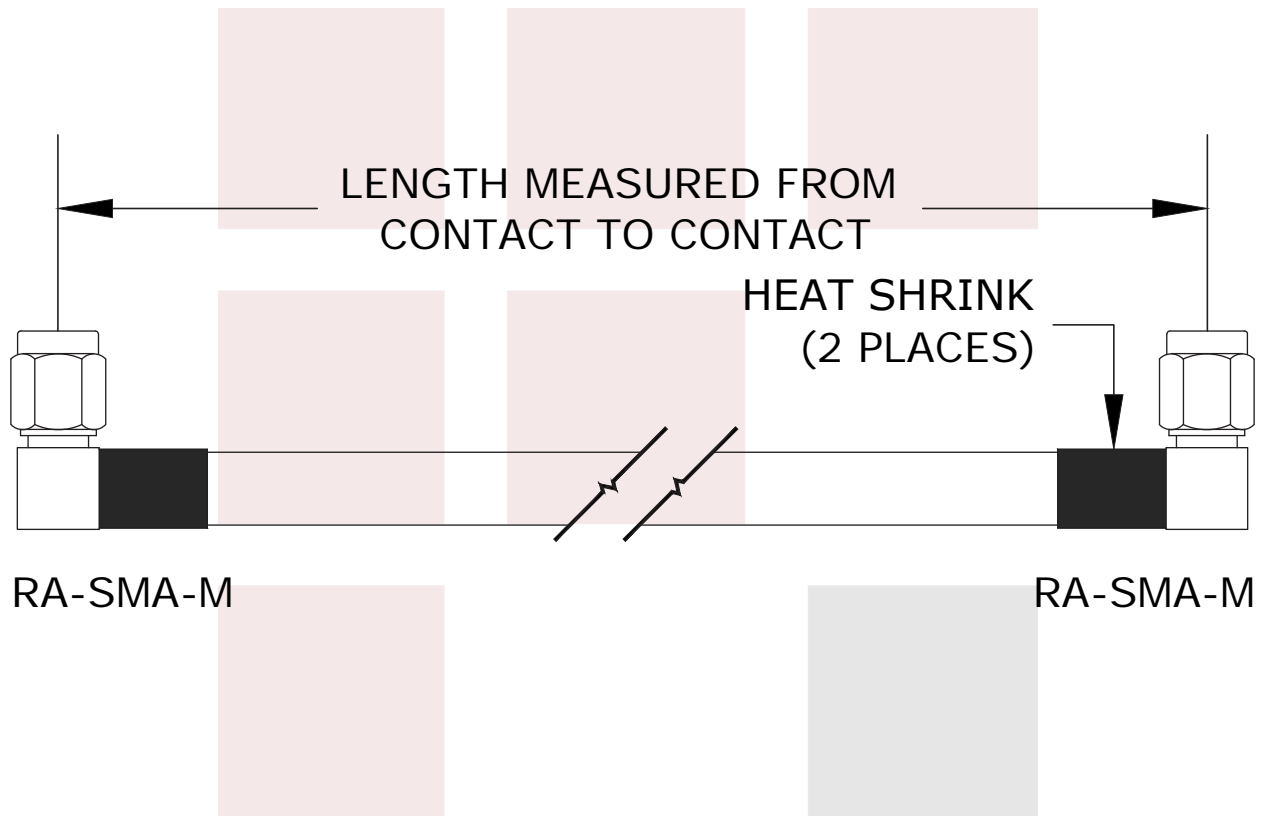
Example: FMC0404240-12 = 12 inches long cable
 FMC0404240-100cm = 100 cm long cable

RA SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors 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: [RA SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors FMC0404240](#)

URL: <https://www.fairviewmicrowave.com/ra-sma-male-ra-sma-male-cable-times-lmr-240-coax-fmc0404240-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 RA SMA Male to RA SMA Male Cable LMR-240 Coax with Times Microwave Connectors		DWG NO FMC0404240		CAGE CODE 3FKR5	
CAD FILE	102114	SHEET	SCALE	N/A	SIZE A 5568