

**SMA Male to SMA Male Cable LMR-400 Coax in 12 Inch**

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
VSWR			1.35:1	
Velocity of Propagation		85		%
RF Shielding	90			dB
Capacitance		23.9 [78.41]		pF/ft [pF/m]
Inductance		0.06 [0.2]		uH/ft [uH/m]
DC Resistance Inner Conductor		1.39 [4.56]		$\Omega/1000ft$ [ $\Omega/Km$ ]
DC Resistance Outer Conductor		1.65 [5.41]		$\Omega/1000ft$ [ $\Omega/Km$ ]

**Mechanical Specifications**

**Cable Assembly**

Length 12 in [304.8 mm]  
 Diameter 0.42 in [10.67 mm]

**Cable**

Cable Type LMR-400  
 Impedance 50 Ohms  
 Inner Conductor Type Solid  
 Inner Conductor Material and Plating Copper Clad Aluminum  
 Dielectric Type PE (F)  
 Number of Shields 1  
 Shield Layer 1 Tinned Copper  
 Shield Layer 2 Aluminum Tape  
 Jacket Material PE, Black  
 Jacket Diameter 0.405 in [10.29 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Connection Method	Standard	Standard
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50 $\mu$ " Min	50 $\mu$ " Min
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	5/16 inch
Body Material & Plating	Brass, Nickel	Brass, Nickel

**Environmental Specifications**

**Temperature**

Operating Range -40 to +85 deg C



**Configuration:**

- SMA Male
- SMA Male
- LMR-400

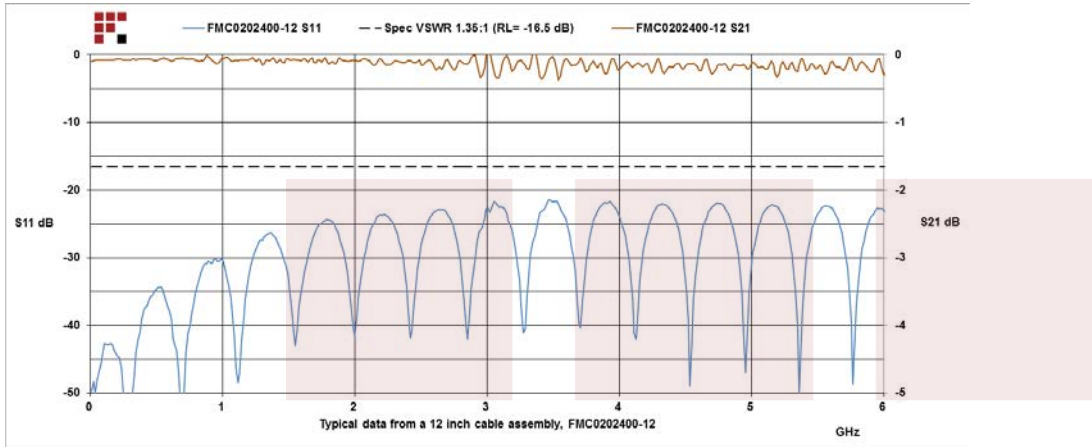
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**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

**Plotted and Other Data**

Notes:

**Typical Performance Data**



**How to Order**

Part Number Configuration:

**FMC0202400 - xx uu**

cm = Centimeters  
 <blank> = Inches  
 Length

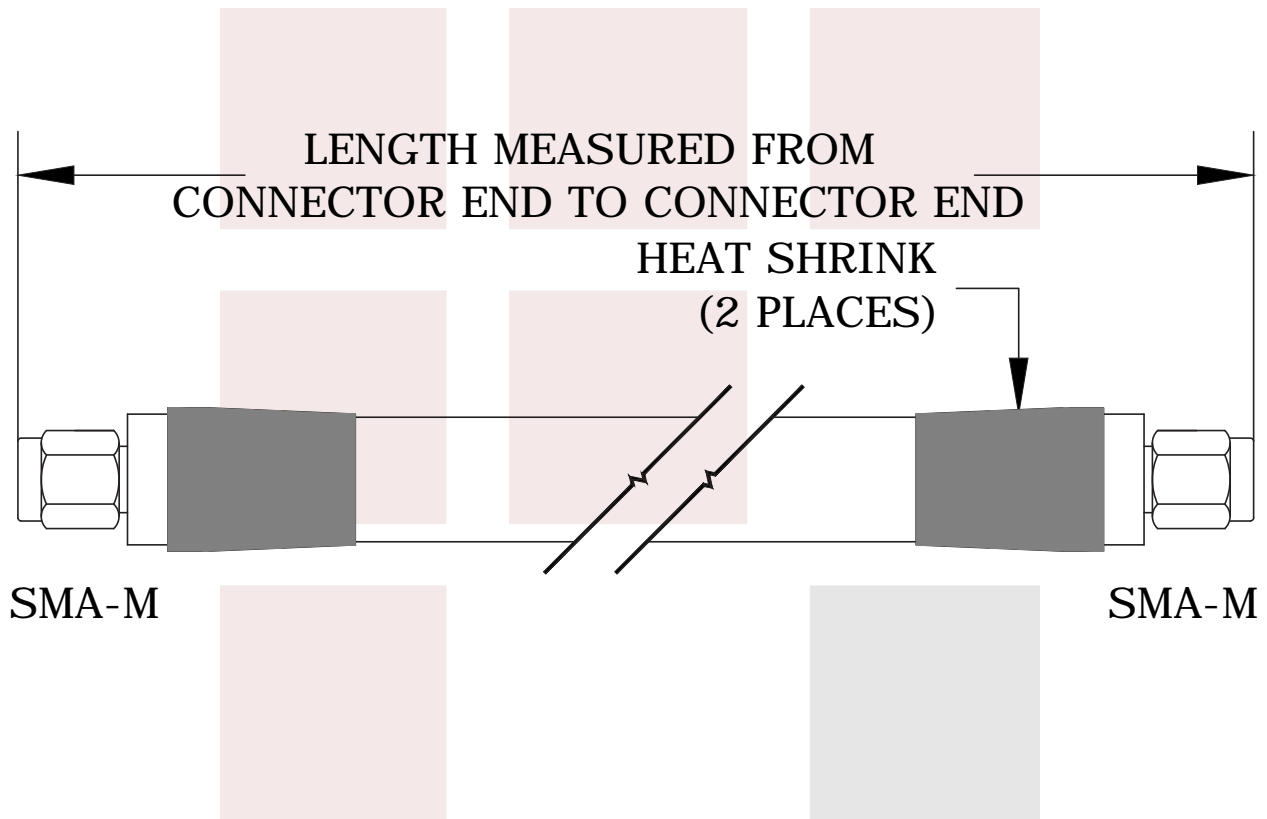
Example: FMC0202400-12 = 12 inches long cable  
 FMC0202400-100cm = 100 cm long cable

SMA Male to SMA Male Cable LMR-400 Coax in 12 Inch 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 SMA Male Cable LMR-400 Coax in 12 Inch FMC0202400-12](http://www.fairviewmicrowave.com/sma-male-sma-male-cable-times-lmr-400-coax-fmc0202400-12-p.aspx)

URL: <http://www.fairviewmicrowave.com/sma-male-sma-male-cable-times-lmr-400-coax-fmc0202400-12-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 SMA Male Cable LMR-400 Coax in 12 Inch		DWG NO FMC0202400		CAGE CODE 3FKR5	
CAD FILE	101414	SHEET	SCALE	N/A	SIZE A 5568