Fairview Microwave

## Low Loss SMA Male to SMA Male Cable LMR-240-UF Coax in 12 Inch with Times Microwave Connectors with LF Solder

The SMA male to SMA male 12 inch cable using LMR-240-UF coax, part number FMC0202245LF-12, from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SMA cable assembly has a male to male gender configuration with 50 ohm flexible LMR-240-UF coax. Fairview Microwave's flexible RF cable assemblies are ideal for applications where tight bends and continual flexure are required. The FMC0202245LF-12 SMA male to SMA male cable assembly operates to 6 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other RF cable assembly value added services including connector orientation or clocking, heat shrink booting and labeling are also available. RF testing can also be performed to document the electrical performance of your cable assembly.

### **Electrical Specifications**

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Description		Тур		Мах	Units		
Frequency Range	DC			6		GHz	
VSWR				1.35:1			
Velocity of Propagation		8	34			%	
RF Shielding	90					dB	
Capacitance		24.2	[79.4]		pF/f	t [pF/m]	
Inductance		0.06	[0.2]		uH/f	t [uH/m]	
DC Resistance Inner Conductor		4.28 [14.04]		Ω/1000ft [Ω/Km]			
DC Resistance Outer Conductor			3.89 [12.76]			Ω/1000ft [Ω/Km]	

### **Mechanical Specifications**

### **Cable Assembly**

Length\* Weight

### Cable

Cable Type Impedance Inner Conductor Type Inner Conductor Material and Plating Dielectric Type Number of Shields Shield Layer 1 Shield Layer 2 Jacket Material Jacket Diameter 12 in [304.8 mm] 0.06574 lbs [29.82 g]

LMR-240-UF 50 Ohms Solid Copper PE (F) 1 Tinned Copper Aluminum Tape PE, Black 0.24 in [6.1 mm]

# FMC0202245LF-12 DATA SHEET



# **Configuration:**

- SMA Male
- SMA Male
- LMR-240-UF

## **Features:**

- Max Frequency 6 GHz
- Shielding Effectivity > 90 dB
- 84% Phase Velocity
- PE Jacket

## **Applications:**

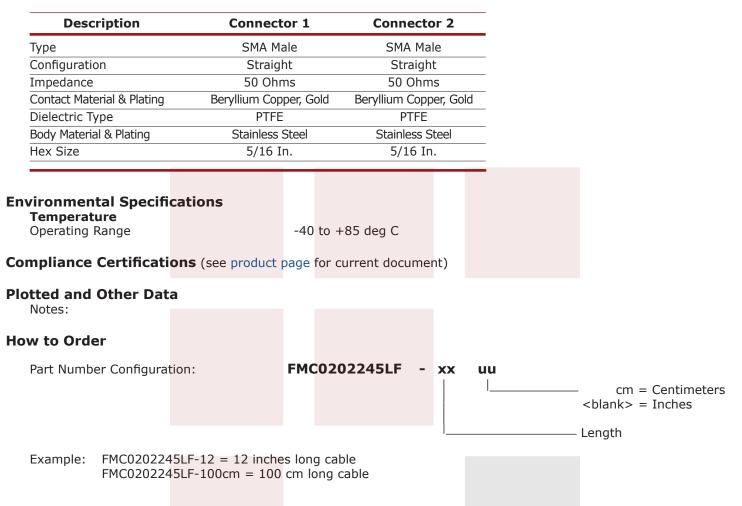
- General Purpose
- Laboratory Use

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#### Connectors



Low Loss SMA Male to SMA Male Cable LMR-240-UF Coax in 12 Inch with Times Microwave Connectors with LF Solder from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: Low Loss SMA Male to SMA Male Cable LMR-240-UF Coax in 12 Inch with Times Microwave Connectors with LF Solder FMC0202245LF-12

URL: https://www.fairviewmicrowave.com/standard-sma-male-sma-male-cable-Imr240uf-coax-fmc0202245lf-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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