

SMA Male to RA SMA Male Cable FM-F141 Coax in 12 Inch and RoHS Compliant

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		8	GHz
VSWR			1.35:1	
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length	12 in [304.8 mm]
Diameter	0.6551 in [16.64 mm]

Cable

Cable Type	FM-F141
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Tape
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Blue
Jacket Diameter	0.163 in [4.14 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SMA Male Right Angle
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Spec.		MIL-G-45204
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	5/16 inch
Torque	8 in-lbs [0.9 Nm]	8 in-lbs [0.9 Nm]
Body Material & Plating	Stainless Steel, Gold	Beryllium Copper, Gold

Environmental Specifications

Temperature

Operating Range	-55 to +155 deg C
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
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Plotted and Other Data

Notes:

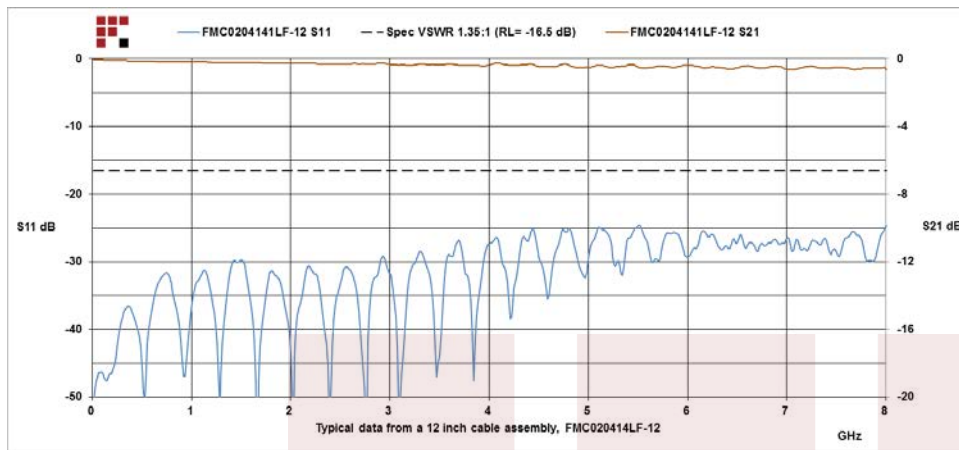


Configuration:

- SMA Male
- SMA Male Right Angle
- FM-F141

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0204141LF - xx uu

cm = Centimeters
 <blank> = Inches
 Length

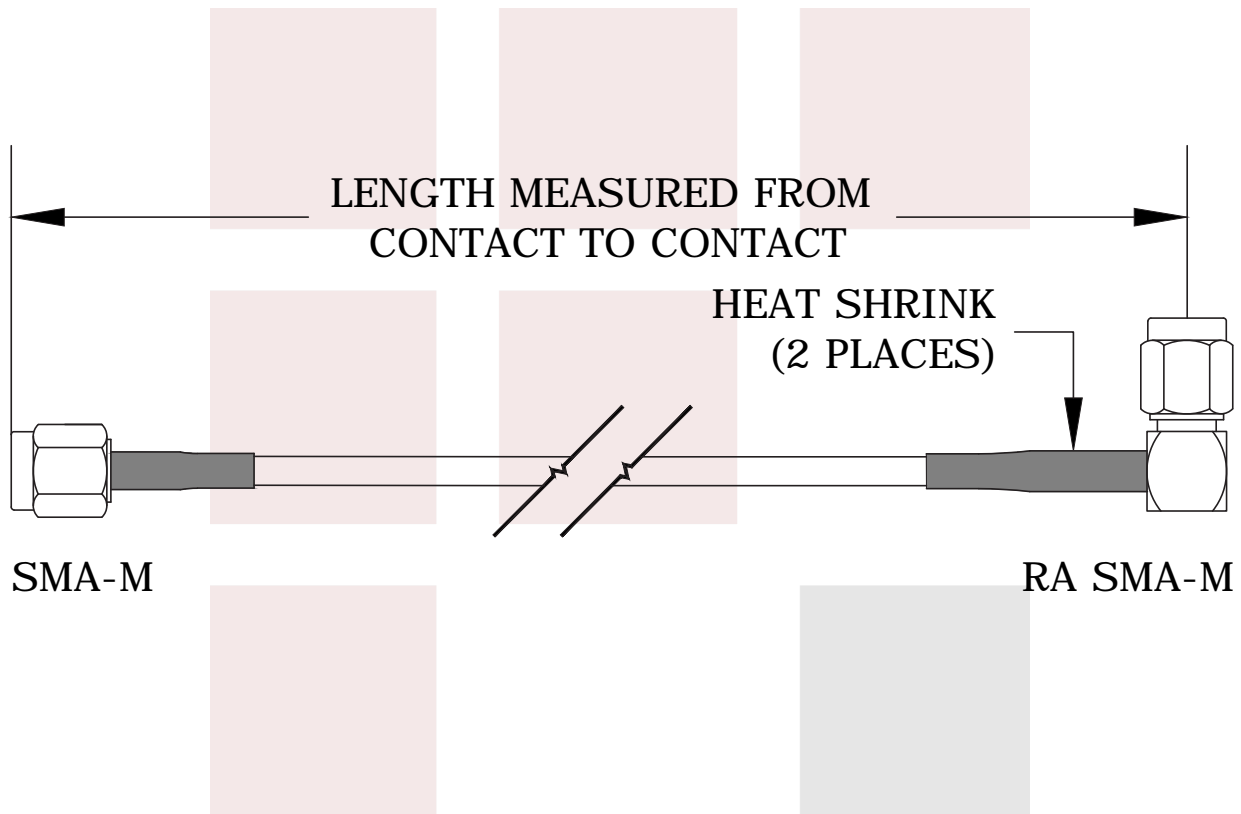
Example: FMC0204141LF-12 = 12 inches long cable
 FMC0204141LF-100cm = 100 cm long cable

SMA Male to RA SMA Male Cable FM-F141 Coax in 12 Inch 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 FM-F141 Coax in 12 Inch and RoHS Compliant FMC0204141LF-12](#)

URL: <http://www.fairviewmicrowave.com/standard-sma-male-ra-sma-male-cable-fm-f141-coax-fmc0204141lf-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 RA SMA Male Cable FM-F141 Coax in 12 Inch and RoHS Compliant		DWG NO FMC0204141LF		CAGE CODE 3FKR5	
CAD FILE	101514	SHEET	SCALE	N/A	SIZE A 5568