

SMA Male to MMCX Plug Cable RG-174 Coax in 12 Inch

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		1,000	MHz
VSWR			1.35:1	
Velocity of Propagation		66		%
Capacitance	30.94 [101.51]			pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length

12 in [304.8 mm]

Cable

Cable Type

RG-174

Impedance

50 Ohms

Inner Conductor Type

Solid

Inner Conductor Material and Plating

Copper Clad Steel

Dielectric Type

PE

Number of Shields

1

Shield Layer 1

Tinned Copper Braid

Jacket Material

PVC, Black

Jacket Diameter

0.102 in [2.59 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	MMCX Plug
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50μ in. minimum	30μ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	
Torque	4 in-lbs [0.45 Nm]	
Body Material & Plating	Brass, Nickel	Brass, Gold
Body Plating Spec.	100μ in. minimum	3μ in. minimum

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

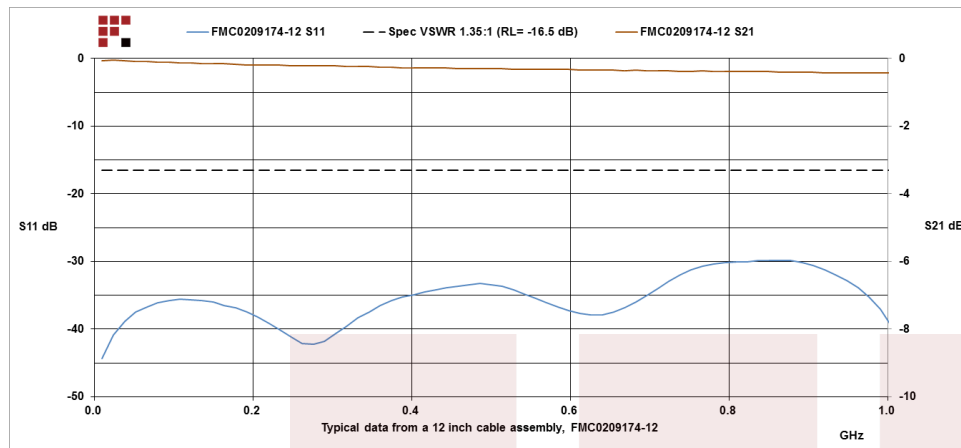


Configuration:

- SMA Male
- MMCX Plug
- RG-174

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Typical Performance Data



How to Order

Part Number Configuration:

FMC0209174 - xx uu

cm = Centimeters
<blank> = Inches

Length

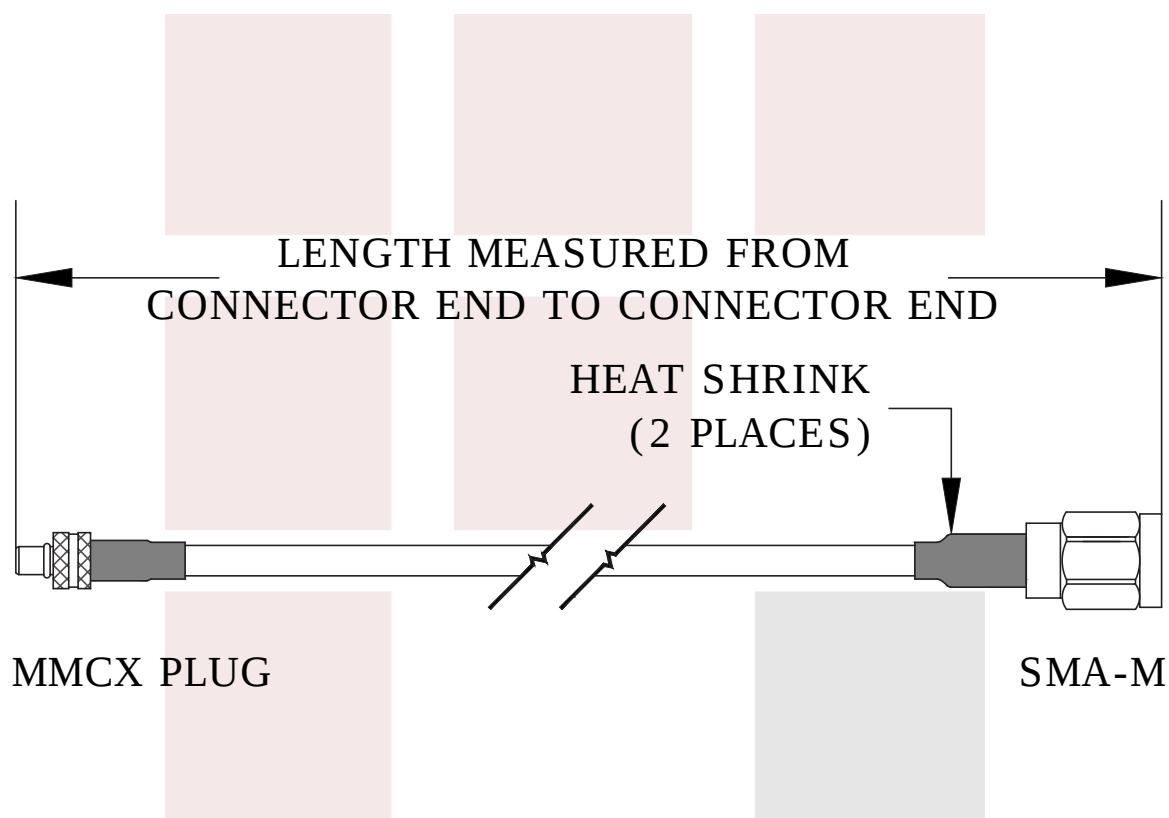
Example: FMC0209174-12 = 12 inches long cable
FMC0209174-100cm = 100 cm long cable

SMA Male to MMCX Plug Cable RG-174 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 MMCX Plug Cable RG-174 Coax in 12 Inch FMC0209174-12](#)

URL: <http://www.fairviewmicrowave.com/sma-male-mmcx-plug-cable-rg174-coax-fmc0209174-12-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 MMCX Plug Cable RG-174 Coax in 12 Inch	DWG NO FMC0209174		CAGE CODE 3FKR5		
	CAD FILE 012216	SHEET	SCALE N/A	SIZE A	5568