

SMA Male to RA SMA Male Cable RG-174 Coax

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

Diameter 0.615 in [15.62 mm]

Weight 0.01808 lbs [8.2 g]

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	SMA Male
Configuration	Straight	Right Angle
Polarity	Standard	Standard
Impedance	50 Ohms	50 Ohms
Contact Material & Plating	Brass, Gold	Brass, Gold
Contact Plating Spec.	50µ in. minimum	50µ in. minimum
Dielectric Type	PTFE	PTFE
Hex Size	5/16 inch	5/16 inch
Torque	4 in-lbs [0.45 Nm]	4 in-lbs [0.45 Nm]
Body Material & Plating	Brass, Nickel	Brass, Nickel
Body Plating Spec.	100µ in. minimum	100µ in. minimum

Environmental Specifications

Temperature

Operating Range -40 to +80 deg C



Configuration:

- SMA Male
- SMA Male Right Angle
- RG-174

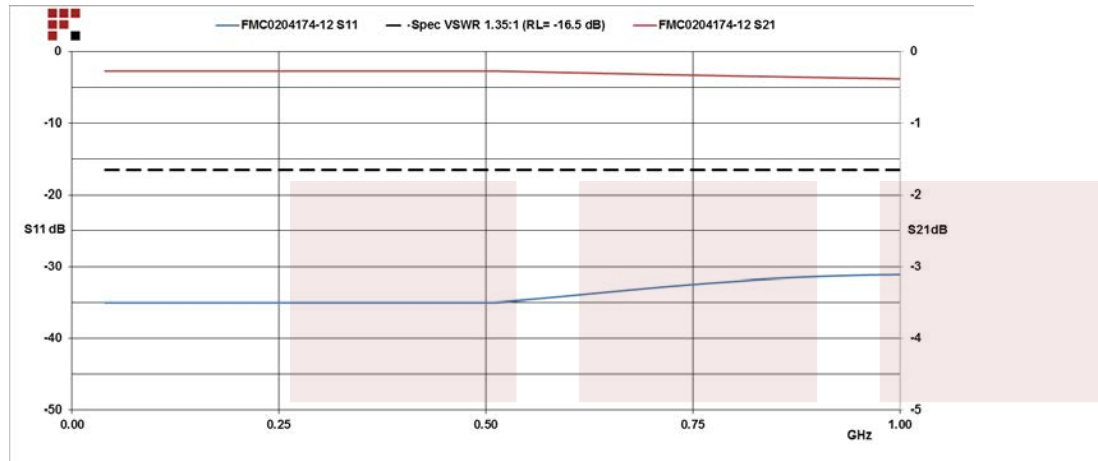
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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

Plotted and Other Data

Notes:

Typical Performance Data



How to Order

Part Number Configuration:

FMC0204174 - xx uu

cm = Centimeters
<blank> = Inches
Length

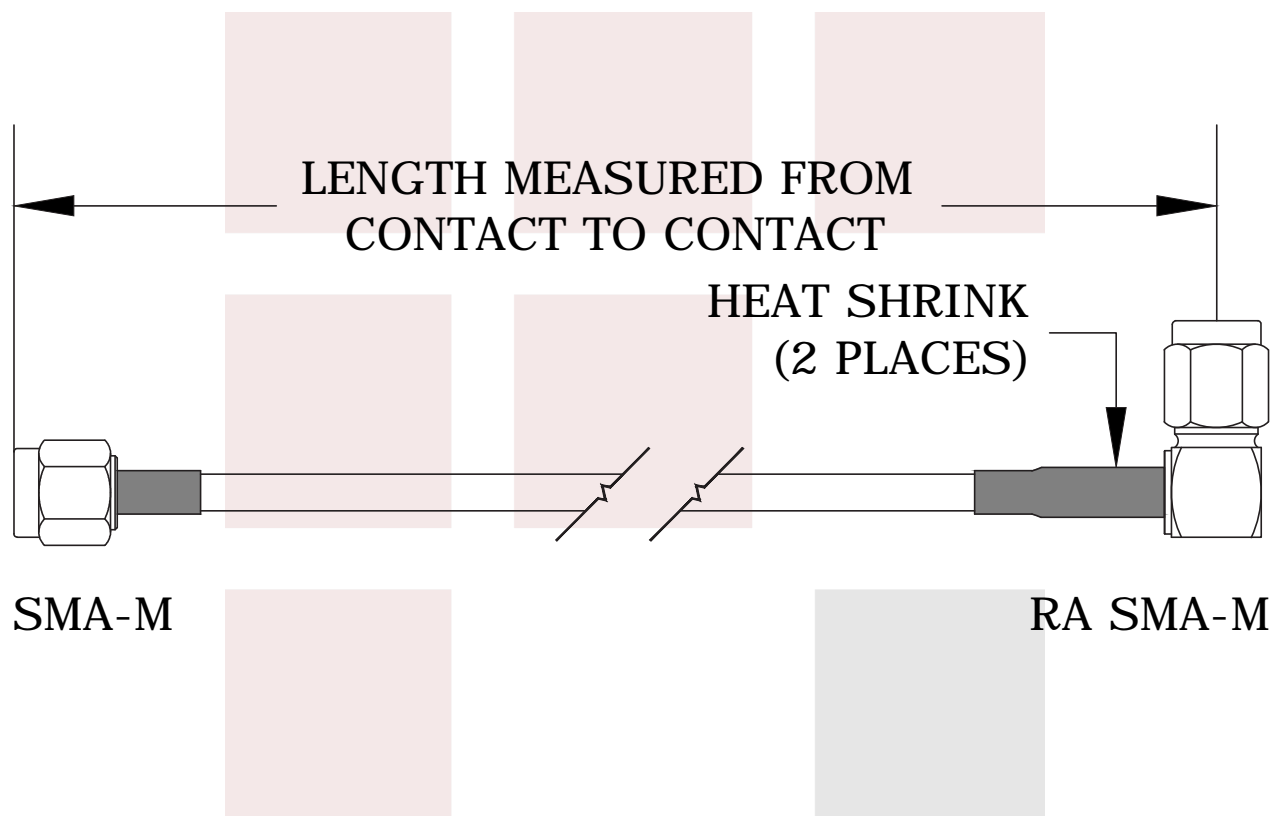
Example: FMC0204174-12 = 12 inches long cable
FMC0204174-100cm = 100 cm long cable

SMA Male to RA SMA Male Cable RG-174 Coax 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 RG-174 Coax FMC0204174](http://www.fairviewmicrowave.com/sma-male-ra-sma-male-cable-rg174-coax-fmc0204174-p.aspx)

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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 RG-174 Coax	DWG NO FMC0204174		CAGE CODE 3FKR5		
	CAD FILE 101514	SHEET	SCALE N/A	SIZE A	5568