



RA SMA Male to RA SMA Male Cable Tinned Copper RG405 Type .086 Coax

The RA SMA male to RA SMA male cable using Tinned Copper RG405 type .086 coax, part number FMCA3071, 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 semi-rigid FM-SR086CUTN-STR coax. Fairview Microwave's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. The FMCA3071 SMA male to SMA male cable assembly operates to 12.4 GHz. The right angle SMA interfaces on the FM-SR086CUTN-STR cable allow for easier connections in tight spaces.

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

Description	Min	Ту	р Мах	Units
Frequency Range	DC		12.4	GHz
VSWR			1.5:1	

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	2.5	5	12.4		GHz
Insertion Loss (Typ.)	0.22	0.31	0.47	0.89		dB/ft
	0.72	1.02	1.54	2.92		dB/m

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB per connector.

Mechanical Specifications

Cable Assembly

Shield Layer 1

Weight 0.043 lbs [19.5 g]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Number of Shields

One Time Minimum Bend Radius

FM-SR086CUTN-STR

50 Ohms Solid

Copper Clad Steel, Silver

PTFE

Tinned Copper

0.05 in [1.27 mm]



Configuration:

- SMA Male Right Angle
- SMA Male Right Angle
- FM-SR086CUTN-STR

Features:

• Max Frequency 12.4 GHz

Applications:

- General Purpose
- Laboratory Use

Fairview Microwave 301 Leora Ln., Suite 100 Lewisville, TX 75056 Tel: 1-800-715-4396 / (972) 649-6678 Fax: (972) 649-6689

www.fairviewmicrowave.com sales@fairviewmicrowave.com





Connectors

Description		Connector 2
	SMA Male	SMA Male
	MIL-STD-348A	MIL-STD-348A
	50 Ohms	50 Ohms
Contact Material & Plating		Brass, Gold
Contact Plating Spec.		50μ in. minimum
Dielectric Type		Teflon
Body Material & Plating		ld Stainless Steel, Gold
Body Plating Spec.		30μ in. minimum
Coupling Nut Material & Plating		Brass, Nickel
	100μ in. minimum	ո 100µ in. minimum
	5/16 in	5/16 in
	5 in-lbs 0.57 Nm	n 5 in-lbs 0.57 Nm
	ting	MIL-STD-348A 50 Ohms Brass, Gold 50µ in. minimum Teflon Stainless Steel, Go 30µ in. minimum ting Brass, Nickel 100µ in. minimun 5/16 in

Mechanical Specification Notes:

Maximum length using the straight semi rigid coax is 5ft. For lenghts greater than 5ft, please contact us

Environmental Specifications

Temperature

Operating Range

-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:

Example: FMCA3071-12 = 12 inches long cable FMCA3071-100cm = 100 cm long cable

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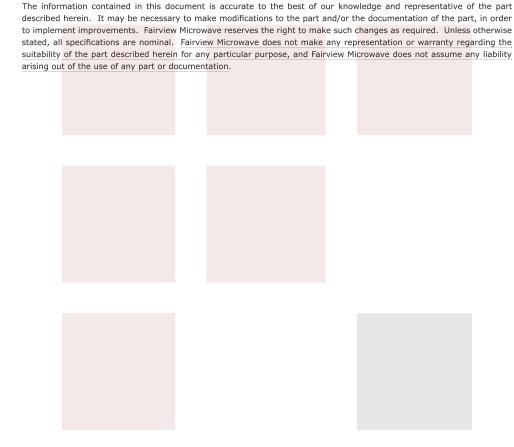




RA SMA Male to RA SMA Male Cable Tinned Copper RG405 Type .086 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: RA SMA Male to RA SMA Male Cable Tinned Copper RG405 Type .086 Coax FMCA3071

URL: https://www.fairviewmicrowave.com/ra-sma-male-to-ra-sma-male-cable-tinned-copper-rg405-type-.086-coax-fm-ca3071-p.aspx



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