



# 2.4mm Male to 2.4mm Female Cable RG405 Type .086 Coax

The 2.4mm male to 2.4mm female cable using RG405 type .086 coax, part number FMCA2932, from Fairview Microwave is in-stock and ships same day. This Fairview 2.4mm to 2.4mm cable assembly has a male to female gender configuration with 50 ohm semi-rigid FM-SR086CU-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.

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	Т	ур	Max	U	nits
Velocity of Propagation		6	9.5			%
RF Shielding	-110					dB
Capacitance		29.4	[96.46]	]	pF/ft	[pF/m]

## **Mechanical Specifications**

## **Cable Assembly**

Weight 0.039 lbs [17.69 g]

### Cable

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

Outer Conductor Material and Plating

Repeated Minimum Bend Radius

FM-SR086CU-STR

50 Ohms Solid

Copper Clad Steel, Silver

PTFE 1 Copper

0.05 in [1.27 mm]



# **Configuration:**

- 2.4mm Male
- 2.4mm Female
- FM-SR086CU-STR

## Features:

- Shielding Effectivity > -110 dB
- 69.5% Phase Velocity

# **Applications:**

- General Purpose
- Laboratory Use

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#### **Connectors**

Description	Connector 1	Connector 2	_
Туре	2.4mm Male	2.4mm Female	-
Impedance	50 Ohms	50 Ohms	_
Mating Cycles	500		_
Contact Material & Plating	Beryllium Copper, Gold over I	NickelBeryllium Copper, Gold	over Nicke
Contact Plating Spec.	MIL-G-45204	5204 50 μin minimum	
Dielectric Type	PPO	PEI	_
Body Material & Plating	Passivated Stainless Stee	el Passivated Stainless Steel	_
Body Plating Spec.	ASTM-A380	SAE-AMS-2700	_
Coupling Nut Material & Pla	ting Passivated Stainless Stee	el	_
Coupling Nut Plating Spec.	ASTM-A380		-
Hex Size	5/16 inch		
Torque	8 in-lbs 0.9 Nm		
			-

Mechanical Specification Notes:

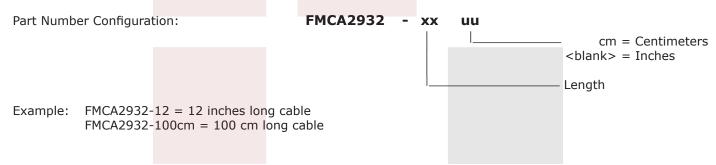
Maximum length using the straight semi rigid coax is 5ft. For lenghts greater than 5ft, please contact us

**Compliance Certifications** (see product page for current document)

### **Plotted and Other Data**

Notes:

#### **How to Order**



2.4mm Male to 2.4mm Female Cable 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: 2.4mm Male to 2.4mm Female Cable RG405 Type .086 Coax FMCA2932

URL: https://www.fairviewmicrowave.com/2.4mm-male-to-2.4mm-female-cable-rg405-type-.086-coax-fmca2932-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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