

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

The 2.4mm male to 2.4mm female cable using Tinned Copper RG405 type .086 coax, part number FMCA3050, 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-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.

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.

### Mechanical Specifications

#### Cable Assembly

##### Cable

Cable Type	FM-SR086CUTN-STR
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Tinned Copper

One Time Minimum Bend Radius 0.05 in [1.27 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	2.4mm Male	2.4mm Female
Impedance	50 Ohms	50 Ohms
Mating Cycles	500	
Contact Material & Plating	Beryllium Copper, Gold over Nickel	Beryllium Copper, Gold over Nickel
Contact Plating Spec.	MIL-G-45204	50 µin minimum
Dielectric Type	PPO	PEI
Body Material & Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Spec.	ASTM-A380	SAE-AMS-2700
Coupling Nut Material & Plating	Passivated Stainless Steel	
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 lengths greater than 5ft, please contact us



#### Configuration:

- 2.4mm Male
- 2.4mm Female
- FM-SR086CUTN-STR

#### Applications:

- General Purpose
- Laboratory Use

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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

**How to Order**

Part Number Configuration:

**FMCA3050 - xx uu**

cm = Centimeters  
 <blank> = Inches

Length

Example: FMCA3050-12 = 12 inches long cable  
 FMCA3050-100cm = 100 cm long cable

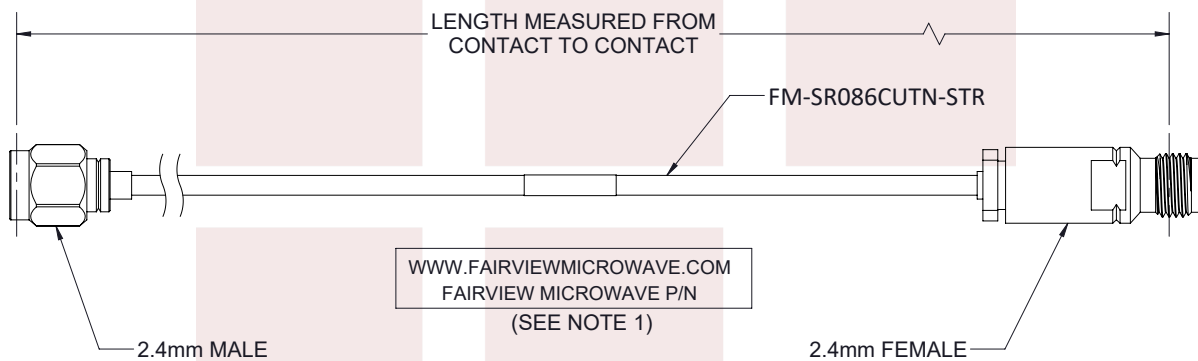
2.4mm Male to 2.4mm Female Cable Tinned Copper RG405 Type .086 Coax from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [2.4mm Male to 2.4mm Female Cable Tinned Copper RG405 Type .086 Coax FMCA3050](#)

URL: <https://www.fairviewmicrowave.com/2.4mm-male-to-2.4mm-female-cable-tinned-copper-rg405-type-.086-coax-fmca3050-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.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	08/04/22	AGANWANI



**NOTES:**

1. CABLES 36" AND UNDER HAVE 1 LABEL CENTERED.  
CABLES OVER 36" HAVE 2 LABELS, ONE AT EACH END  
6.0" FROM THE FRONT OF THE CONNECTOR.

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<p><b>Fairview Microwave</b> an INFINIT<sup>®</sup> brand</p>	<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p>		<p>THIRD-ANGLE PROJECTION</p>	
	<p>TOLERANCES:</p> <p>.X = ±.2 [ .508]    FRACTIONS ± 1/32 .XX = ±.02 [ .51]    ANGLES ± 1° .XXX = ±.005 [ .13]</p>		<p>CABLE LENGTH (L) TOLERANCES:</p> <p>L ≤ 12 [305] = +1 [25] / -0 12 [305] &lt; L ≤ 60 [1524] = +2 [51] / -0 60 [1524] &lt; L ≤ 120 [3048] = +4 [102] / -0 120 [3048] &lt; L ≤ 300 [7620] = +6 [152] / -0 300 [7620] &lt; L = +5%L / -0</p>	
<p>TITLE</p> <p>2.4mm Male to 2.4mm Female Cable Tinned Copper RG405 Type .086 Coax</p>			<p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> <p>SCALE N/A</p>	
<p>SIZE A</p>	<p>CAGE CODE 3FKR5</p>	<p>DRAWN BY VTHANGARAJ</p>	<p>ITEM NO. FMCA3050</p>	<p>REV A</p>

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