

FMCA3050-60 **DATA SHEET**

2.4mm Male to 2.4mm Female Cable Tinned Copper RG405 Type .086 Coax in 60 Inch Length

The 2.4mm male to 2.4mm female 60 inch cable using Tinned Copper RG405 type .086 coax, part number FMCA3050-60, from Fairview Microwave is instock 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.



Configuration:

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

Applications:

- General Purpose
- Laboratory Use

Mechanical Specifications

Cable Assembly

Length* 60 in [152.4 cm] Weight 0.091 lbs [41.28 g]

Cable

Cable Type FM-SR086CUTN-STR 50 Ohms Impedance Inner Conductor Type Solid Inner Conductor Material and Plating Copper Clad Steel, Silver **PTFE** Dielectric Type

Number of Shields Shield Layer 1

One Time Minimum Bend Radius

Tinned Copper

0.05 in [1.27 mm]

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 NickelBeryllium 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 & Pla | ting Passivated Stainless Steel | |
| Coupling Nut Plating Spec. | ASTM-A380 | |
| Hex Size | 5/16 inch | |
| Torque | 8 in-lbs 0.9 Nm | |
| | | |

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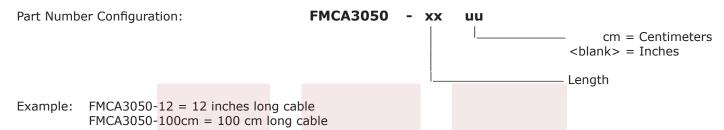


Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order



2.4mm Male to 2.4mm Female Cable Tinned Copper RG405 Type .086 Coax in 60 Inch Length 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 in 60 Inch Length FMCA3050-60

URL: https://www.fairviewmicrowave.com/2.4mm-male-to-2.4mm-female-cable-tinned-copper-rg405-type-.086-coax-fmca3050-60-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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