

**RA MMBX Plug Snap-On Connector Solder Attachment For RG405, FM-SR086CUTN, FM-SR086ALTN Cable With Male Center Contact**

RA MMBX plug snap-on connector solder attachment RG405, FM-SR086CUTN and FM-SR086ALTN cable FMCN1022 from Fairview Microwave is in-stock and ships same day. This MMBX plug connector operates up to a maximum frequency of 12.4 GHz and offers excellent VSWR of 1.2:1. Its RA body geometry facilitates connections in tight spaces.

Fairview's RA MMBX plug connector FMCN1022 datasheet specifications and outline drawing are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. From providing an I/O for a board design to creating a custom cable assembly configuration, Fairview Microwave has a connector solution to meet your needs. Fairview Microwave also has the expertise to build your custom cable connector assemblies for you and ship them same-day.

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz
VSWR			1.2:1	
Insertion Loss			0.18	dB
Operating Voltage (DC)			250	Vdc
DWV (DC)			750	Vdc
Insulation Resistance	1,000			MOhms

Electrical Specification Notes:  
 MMBX Plug has a male center contact

**Mechanical Specifications**

<b>Size</b>	
Length	0.4 in [10.16 mm]
Width/Dia.	0.24 in [6.10 mm]
Weight	0.00672 lbs [3.05 g]
Mating Cycles	100 Cycles

**Material Specifications**

Description	Material	Plating
Contact	Beryllium Copper	Gold
Insulation	PTFE	
Outer Conductor	Brass	Gold
Body	Brass	Gold



**Configuration:**

- Snap-On MMBX Plug Connector
- 50 Ohms
- Right Angle Body Geometry
- RG405, FM-SR086CUTN, FM-SR086ALTN Interface Type
- Solder/Solder Attachment

**Features:**

- Operating Frequency of 12.4 GHz Max.
- Excellent VSWR of 1.2:1
- Gold Plated Beryllium Copper Contact
- Snap-On connection method
- Small circuit footprint for high density applications
- Allows up to 4.5°/0.7mm Max mechanical misalignment

**Applications:**

- General Purpose Test
- Custom Cable Assemblies
- Circuit board test points
- Blind mate interconnect applications
- Multi circuit board products
- Board to board applications

Fairview Microwave  
 1130 Junction Dr. #100  
 Allen, TX 75013  
 Tel: 1-800-715-4396 / (972) 649-6678  
 Fax: (972) 649-6689  
[www.fairviewmicrowave.com](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

**Environmental Specifications**

**Temperature**

Operating Range -55 to +155 deg C

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

**Plotted and Other Data**

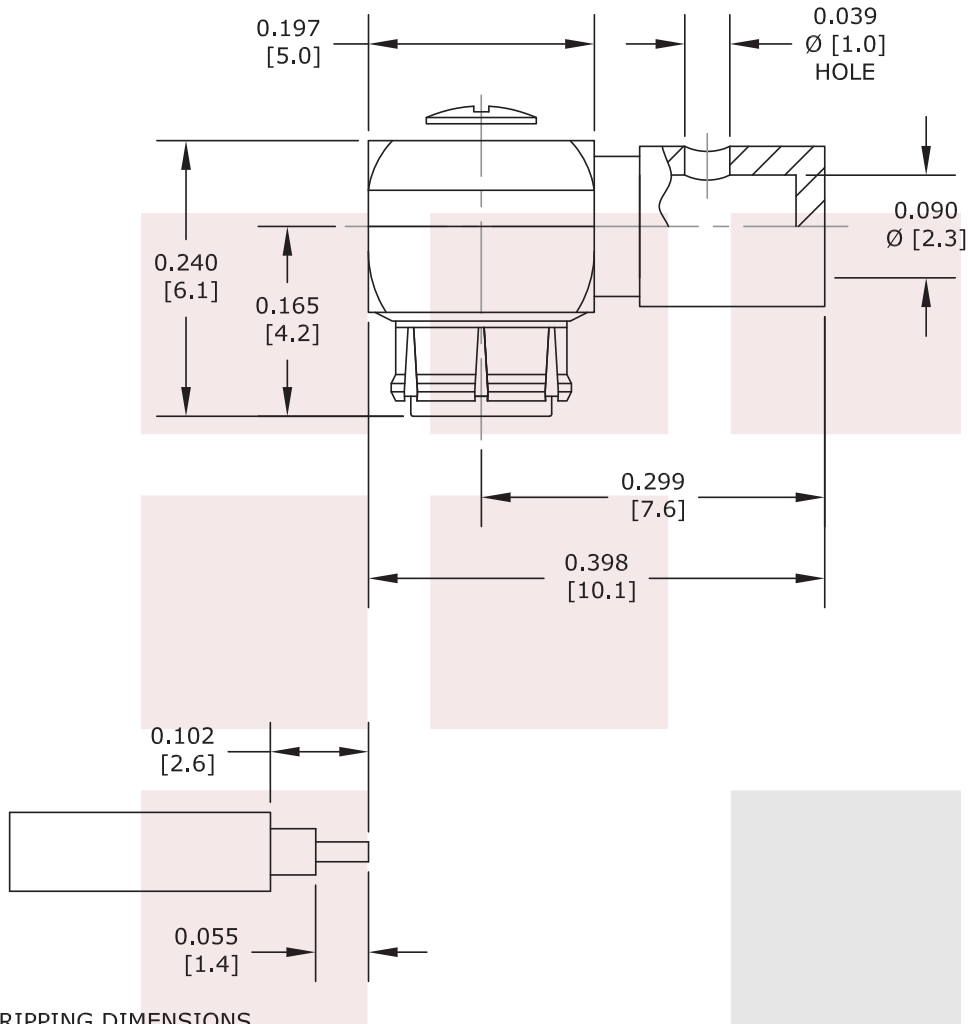
Notes:

RA MMBX Plug Snap-On Connector Solder Attachment For RG405, FM-SR086CUTN, FM-SR086ALTN Cable With Male Center Contact from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RA MMBX Plug Snap-On Connector Solder Attachment For RG405, FM-SR086CUTN, FM-SR086ALTN Cable With Male Center Contact FMCN1022](#)

URL: <https://www.fairviewmicrowave.com/mmbx-plug-snap-on-rg405-fm-sr086cutn-fm-sr086altn-connector-fmcn1022-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.



STRIPPING DIMENSIONS

ASSEMBLY PROCEDURES

1. STRIP CABLE AS SHOWN & TIN CENTER CONDUCTOR.
2. INSERT CABLE INTO BODY UNTIL OUTER CONDUCTOR BOTTOMS OUT. THE CENTER CONDUCTOR WILL PROTRUDE INTO CONTACT SLOT.
3. SOLDER CENTER CONDUCTOR INTO SLOT AND OUTER CONDUCTOR TO BODY. PRESS CAP INTO CONNECTOR BODY.

STANDARD TOLERANCES

.X ±0.2  
 .XX ±0.1  
 .XXX ±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

<b>FAIRVIEW MICROWAVE INC.</b> ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].			
TITLE RA MMBX Plug Snap-On Connector Solder Attachment For RG405, FM-SR086CUTN, FM-SR086ALTN Cable With Male Center Contact		DWG NO FMCN1022	CAGE CODE 3FKR5		
CAD FILE	090116	SHEET	SCALE	N/A	SIZE A 2233