

## SMA Male to MMBX Jack Snap-On Adapter With Female Center Contact

50 Ohm SMA Male to MMBX Jack Snap-On , Adapter part number FMAD1062 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to MMBX adapter has a male to jack gender configuration. FMAD1062 SMA male to MMBX jack adapter is gold plated and operates to 12.4 GHz. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. The Fairview Microwave RF adapter provides excellent VSWR of 1.08:1 maximum.

RF adapters can be used to enable connections between two connector types that would otherwise not mate. Certain RF adapter configurations can also be used to protect connectors on expensive equipment where the number of connect and disconnect cycles is high. An RF, microwave, or millimeter wave adapter is connected to the equipment and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Fairview Microwave also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		12.4	GHz
VSWR			1.08:1	
Insertion Loss			0.42	dB
Operating Voltage (AC)			330	Vrms
DWV (AC)			500	Vrms
Insulation Resistance	1,000			MOhms

### Mechanical Specifications

Size	
Length	0.72 in [18.29 mm]
Width	0.315 in [8 mm]
Weight	0.011 lbs [4.99 g]

Description	Connector 1	Connector 2
Type	SMA Male	MMBX Jack
Connection Method		Snap-On
Polarity	Standard	Standard
Mating Cycles	500	500
Contact Captivation Axial Force, Min	2.25 lbs [1.02 Kg]	2.25 lbs [1.02 Kg]



### Configuration:

- SMA Male Connector 1
- Snap-On MMBX Jack Connector 2
- 50 Ohms
- Straight Body Geometry

### Features:

- VSWR of 1.08:1 max up to 12.4 GHz
- 51µ in. minimum contact plating
- Gold Plated Beryllium Copper Contact
- Snap-On connection method
- Allows up to 4.5°/0.7mm Max of mechanical misalignment

### Applications:

- Enables Between Series Connections
- General Purpose Test
- Circuit board test points
- Blind mate interconnect applications
- Multi circuit board products
- Board to board applications

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**Material Specifications**

Description	Connector 1	Connector 2
Type	SMA Male	MMBX Jack
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	51µ in. minimum	51µ in. minimum
Insulation Material	PTFE	PTFE
Outer Contact Material		Beryllium Copper
Outer Contact Plating		Gold
Outer Conductor Contact Spec.		8µ in. minimum
Body Material	Brass	Beryllium Copper
Body Plating	Gold	Gold
Body Plating Spec.	8µ in. minimum	8µ in. minimum
Coupling Nut Material	Beryllium Copper	
Coupling Nut Plating	Gold	
Coupling Nut Plating Spec.	51µ in. minimum	

**Environmental Specifications**

**Temperature**

Operating Range

-55 to +155 deg C

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

**Plotted and Other Data**

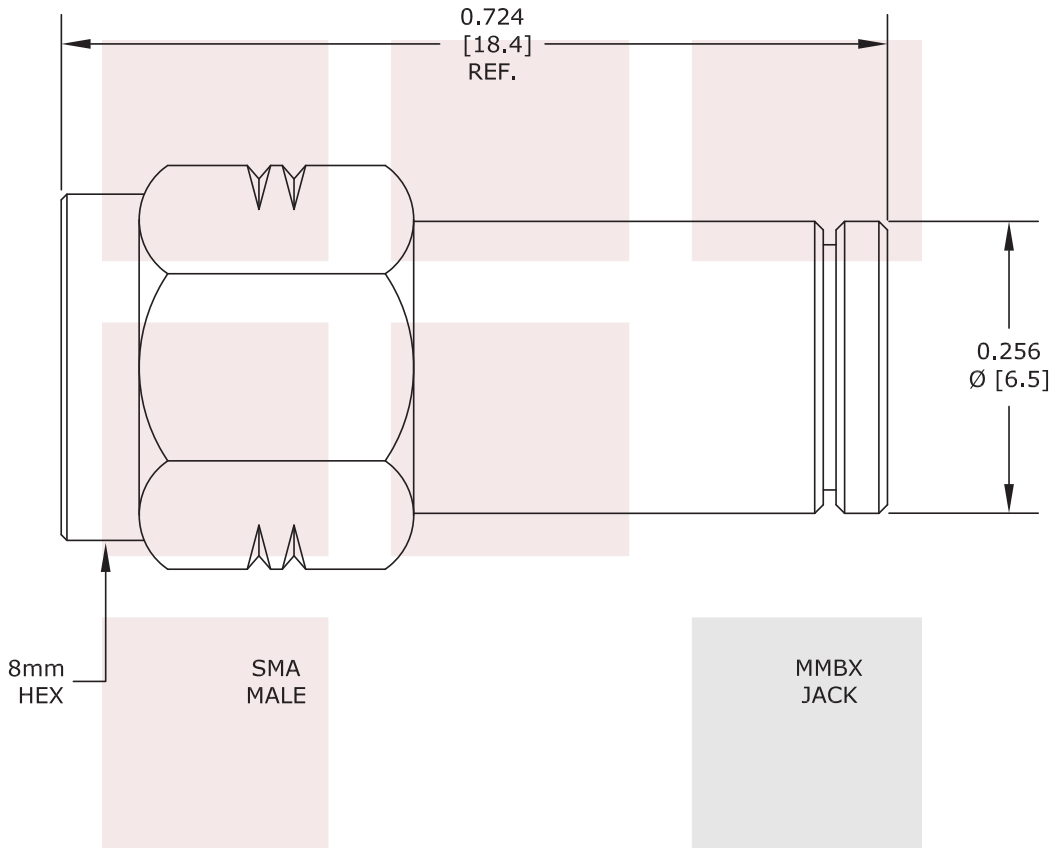
Notes:

SMA Male to MMBX Jack Snap-On Adapter With Female 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: [SMA Male to MMBX Jack Snap-On Adapter With Female Center Contact FMAD1062](#)

URL: <https://www.fairviewmicrowave.com/sma-male-mmbx-jack-snap-on-adapter-fmad1062-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.



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 SMA Male to MMBX Jack Snap-On Adapter With Female Center Contact		DWG NO FMAD1062		CAGE CODE 3FKR5	
CAD FILE	093016	SHEET	SCALE	N/A	SIZE A 2233