

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

SMA male to MMBX plug snap-on adapter part number FMAD1060 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to MMBX adapter has a male to plug gender configuration. FMAD1060 SMA male to MMBX plug adapter is gold plated and operates to 12.4 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 maximum. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors.

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			1.2:1	
Insertion Loss			0.42	dB
Operating Voltage (AC)			330	Vrms
DWV (AC)			500	Vrms
Insulation Resistance	1,000			MOhms

### Mechanical Specifications

<b>Size</b>	
Length	0.62 in [15.75 mm]
Width	0.312 in [7.92 mm]
Weight	0.01 lbs [4.54 g]

Description	Connector 1	Connector 2
Type	SMA Male	MMBX Plug
Connection Method		Snap-On
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size	5/16 in	
Contact Captivation Axial Force, Min		2.25 lbs [1.02 Kg]



### Configuration:

- SMA Male Connector 1
- Snap-On MMBX Plug Connector 2
- 50 Ohm
- Straight Body Geometry

### Features:

- VSWR of 1.2:1 max up to 12.4 GHz
- Gold Plated Beryllium Copper Contact
- Snap-On connection method

### Applications:

- Enables Between Series Connections
- General Purpose Test
- Circuit board test points

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**Material Specifications**

Description	Connector 1	Connector 2
Type	SMA Male	MMBX Plug
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material		Brass
Outer Contact Plating		Gold
Body Material	Brass	Brass
Body Plating	Gold	Gold
Coupling Nut Material	Brass	
Coupling Nut Plating	Gold	

**Environmental Specifications**

**Temperature**

Operating Range -55 to +155 deg C

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

**Plotted and Other Data**

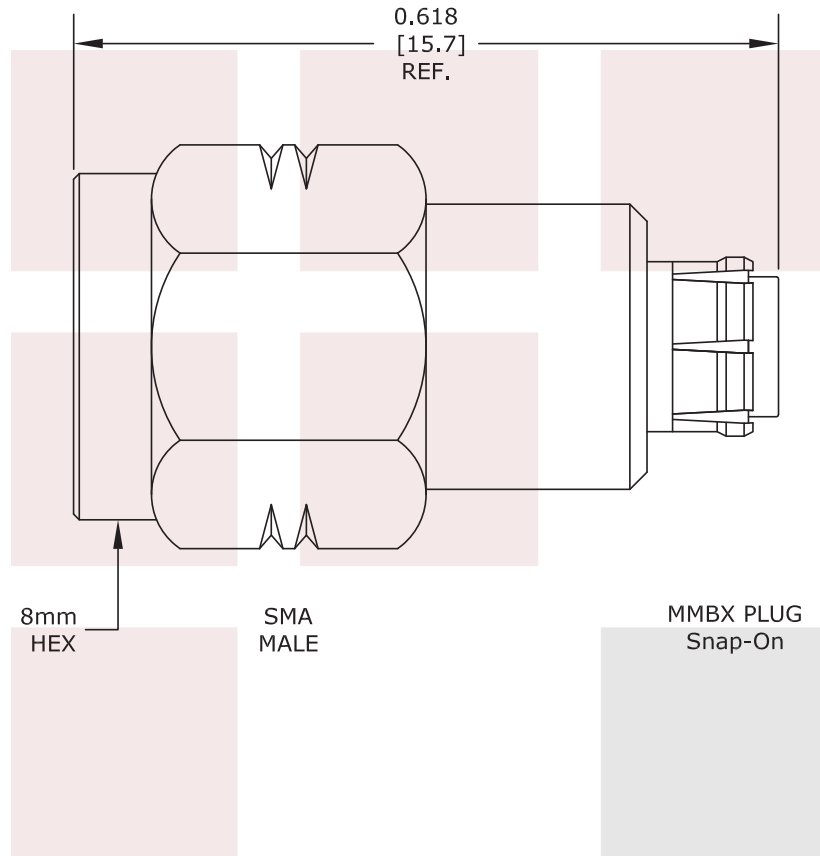
Notes:

SMA Male to MMBX Plug Snap-On Adapter 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: [SMA Male to MMBX Plug Snap-On Adapter With Male Center Contact FMAD1060](#)

URL: <https://www.fairviewmicrowave.com/sma-male-mmbx-plug-snap-on-adapter-fmad1060-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

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TITLE SMA Male to MMBX Plug Snap-On Adapter With Male Center Contact		DWG NO FMAD1060		CAGE CODE 3FKR5	
CAD FILE	082916	SHEET	SCALE	N/A	SIZE A 2233