

Push-On SMP Female to MMBX Plug Snap-On Adapter With Male Center Contact

Push-on SMP female to MMBX plug snap-on adapter part number FMAD1064 from Fairview Microwave is in-stock and ships same day. This Fairview SMP to MMBX adapter has a female to plug gender configuration. FMAD1064 SMP female to MMBX plug adapter is gold plated and operates to 6 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 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		6	GHz
VSWR			1.25:1	
Insertion Loss			0.36	dB
Operating Voltage (AC)			300	Vrms
DWV (AC)			500	Vrms
Insulation Resistance	1,000			MOhms

Mechanical Specifications

Size	
Length	0.3 in [7.62 mm]
Width	0.15 in [3.81 mm]
Weight	0.004 lbs [1.81 g]

Description	Connector 1	Connector 2
Type	SMP Female	MMBX Plug
Connection Method	Push-On	Snap-On
Polarity	Standard	Standard
Mating Cycles	100	100
Contact Captivation Axial Force, Min		2.25 lbs [1.02 Kg]



Configuration:

- Push-On SMP Female Connector 1
- Snap-On MMBX Plug Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.25:1 max up to 6 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	SMP Female	MMBX Plug
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material	Brass	Beryllium Copper
Outer Contact Plating	Gold	Gold
Body Material	Beryllium Copper	Beryllium Copper
Body Plating	Gold	Gold

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

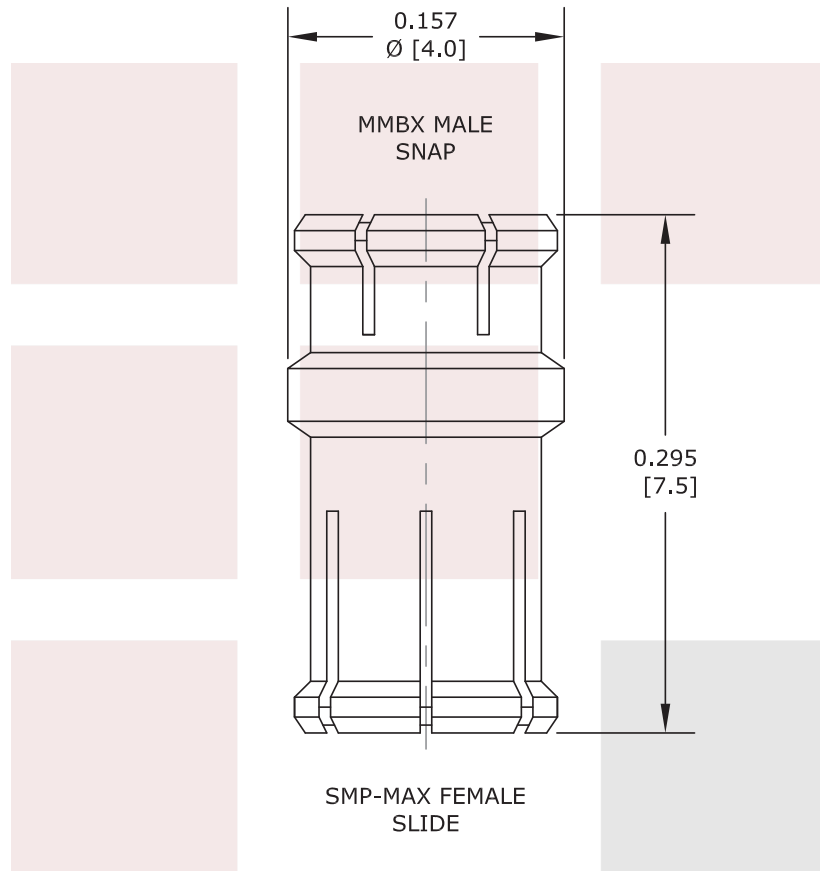
Notes:

Push-On SMP Female 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: [Push-On SMP Female to MMBX Plug Snap-On Adapter With Male Center Contact FMAD1064](#)

URL: <https://www.fairviewmicrowave.com/push-on-smp-female-mmbx-plug-snap-on-adapter-fmad1064-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

FAIRVIEW MICROWAVE INC. 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 Push-On SMP Female to MMBX Plug Snap-On Adapter With Male Center Contact	DWG NO	FMAD1064		CAGE CODE 3FKR5	
	CAD FILE	092616	SHEET	SCALE	N/A SIZE A 2233