

Slide-On BMA Plug to SMA Female Adapter

Slide-on BMA plug to SMA female adapter part number FMAD1108 from Fairview Microwave is in-stock and ships same day. This Fairview BMA to SMA adapter has a plug to female gender configuration and is built of durable stainless steel. FMAD1108 BMA plug to SMA female adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.15:1 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		18	GHz
VSWR			1.15:1	
Operating Voltage (AC)			350	Vrms
DWV (AC)			1,000	Vrms
Insulation Resistance	5,000			MOhms

Mechanical Specifications

Size		
Length		0.535 in [13.59 mm]
Width		0.3 in [7.62 mm]
Weight		0.009 lbs [4.08 g]

Description	Connector 1	Connector 2
Type	BMA Plug	SMA Female
Connection Method	Slide-On	
Polarity	Standard	Standard
Contact Retention Force, Min	6.07 lbs [2.75 Kg]	

Mechanical Specification Notes:

Recommended axial float mount for best electrical performance: 0.51 +/- 0.25 mm (.020" +/- .010)

Material Specifications

Description	Connector 1	Connector 2
Type	BMA Plug	SMA Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material	Passivated Stainless Steel	Passivated Stainless Steel
Body Material	Passivated Stainless Steel	Passivated Stainless Steel



Configuration:

- Slide-On BMA Plug Connector 1
- SMA Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.15:1 max up to 18 GHz
- Gold Plated Beryllium Copper Contact
- Low-Engagement Force

Applications:

- Enables Between Series Connections
- General Purpose Test
- Blind Mating
- Rack and Panel
- Phased Array Systems
- Base Stations
- RF Backplanes
- Test I/O

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

Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

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

Plotted and Other Data

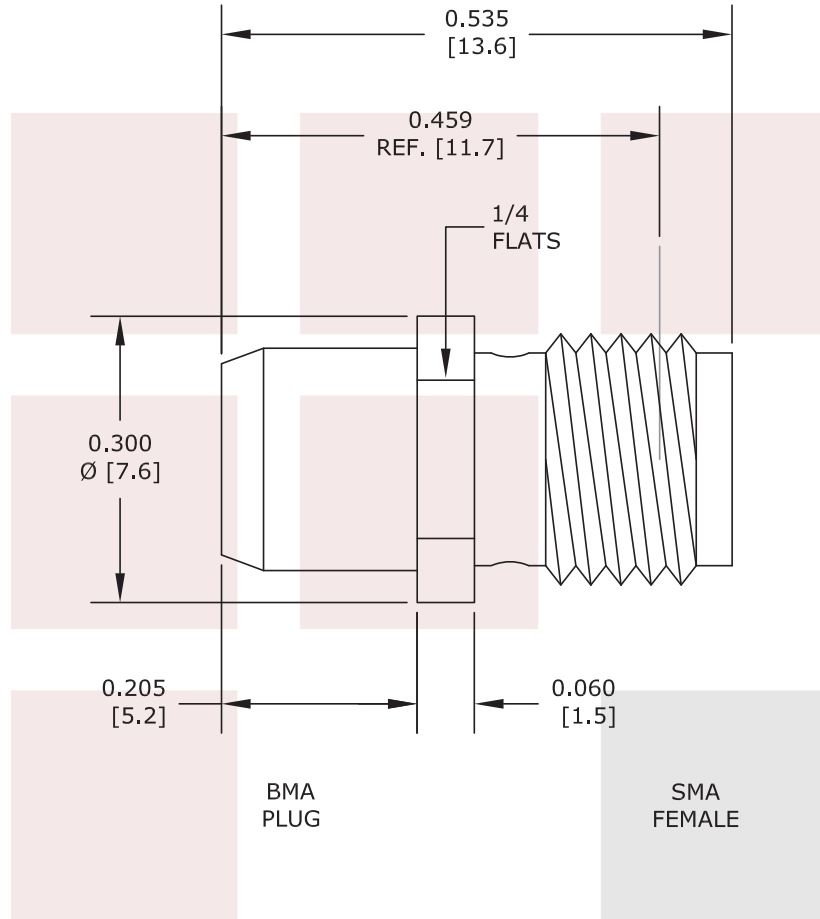
Notes:

Slide-On BMA Plug to SMA Female Adapter 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: [Slide-On BMA Plug to SMA Female Adapter FMAD1108](#)

URL: <https://www.fairviewmicrowave.com/slide-on-bma-plug-sma-female-adapter-fmad1108-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 Slide-On BMA Plug to SMA Female Adapter		DWG NO FMAD1108		CAGE CODE 3FKR5	
CAD FILE	020117	SHEET	SCALE	N/A	SIZE A 2233