

SMA Female to BMA Jack Bulkhead Adapter

SMA female to BMA jack bulkhead adapter part number SM3296 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to BMA adapter has a female to jack gender configuration and is built of durable stainless steel. SM3296 SMA female to BMA jack adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.15:1 maximum. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our RF SMA to BMA bulkhead adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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	

Mechanical Specifications

Size	Min	Typ	Max
Length			0.554 in [14.07 mm]
Width			0.437 in [11.1 mm]
Weight			0.00838 lbs [3.8 g]

Description	Connector 1	Connector 2
Type	SMA Female	BMA Jack
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size	7/16 inch	7/16 inch

Material Specifications

Description	Connector 1	Connector 2
Type	SMA Female	BMA Jack
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	PTFE	PTFE
Body Material	Stainless Steel	Stainless Steel
Body Plating	Passivated	Passivated



Configuration:

- SMA Female Connector 1
- BMA Jack Connector 2
- 50 Ohm
- Straight Body Geometry
- Bulkhead Mount Method

Features:

- VSWR of 1.15:1 max up to 18 GHz
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test
- Rack Mounted Equipment

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Environmental Specifications

Temperature

Operating Range -65 to +125 deg C

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

Plotted and Other Data

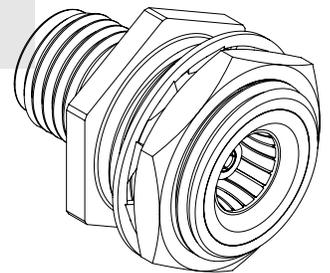
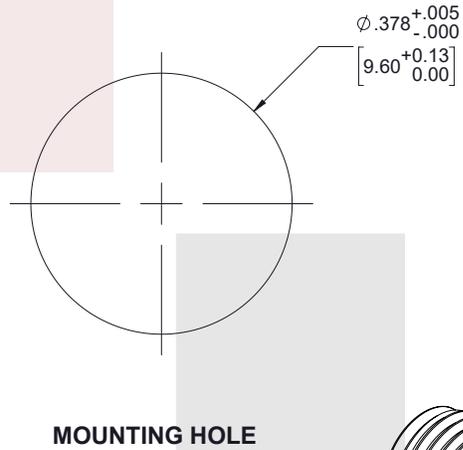
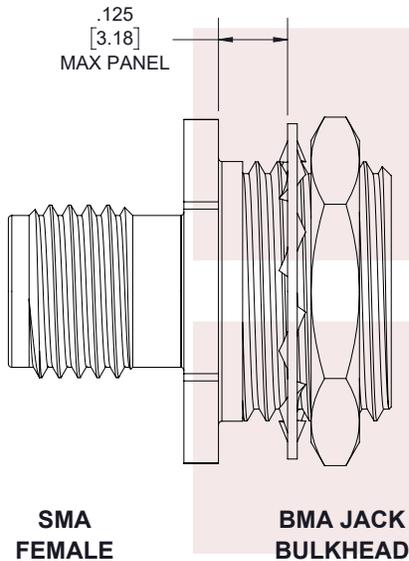
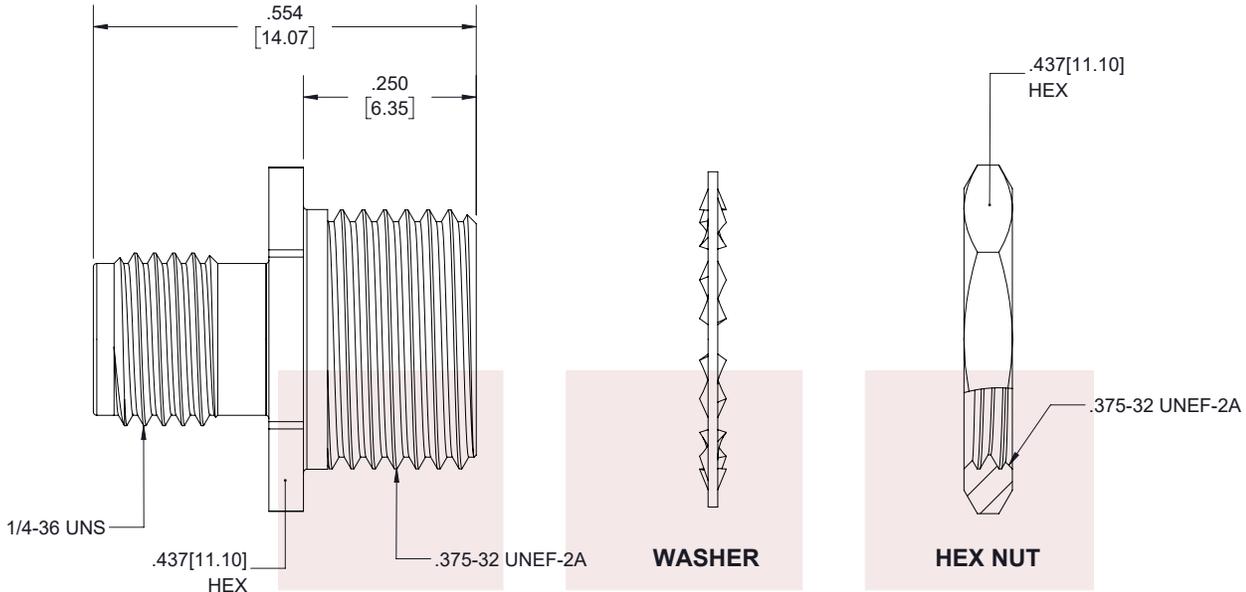
Notes:

SMA Female to BMA Jack Bulkhead 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: [SMA Female to BMA Jack Bulkhead Adapter SM3296](#)

URL: <https://www.fairviewmicrowave.com/sma-female-bma-jack-bulkhead-adapter-sm3296-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	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

		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 Female to BMA Jack Bulkhead Adapter		DWG NO SM3296		CAGE CODE 3FKR5		
CAD FILE	05/24/18	SHEET	1 OF 1	SCALE	N/A	SIZE A 7361