

## SMA Male to SSMB Jack Adapter

SMA male to SSMB jack adapter part number SM2080 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SSMB adapter has a male to jack gender configuration. SM2080 SMA male to SSMB jack adapter operates to 12 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 1.25:1 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		12	GHz
VSWR			1.25:1	

Electrical Specification Notes:  
 Values at 25° C, sea level.

### Mechanical Specifications

Size	
Length	0.77 in [19.56 mm]
Weight	0.0075 lbs [3.4 g]

Description	Connector 1	Connector 2
Type	SMA Male	SSMB Jack
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Hex Size	5/16 inch	



### Configuration:

- SMA Male Connector 1
- SSMB Jack Connector 2
- 50 Ohms
- Straight Body Geometry

### Features:

- VSWR of 1.25:1 max up to 12 GHz
- SMA interface meets MIL-STD-348
- SSMB interface meets MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Brass Contact

### Applications:

- Enables Between Series Connections
- General Purpose Test

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**Material Specifications**

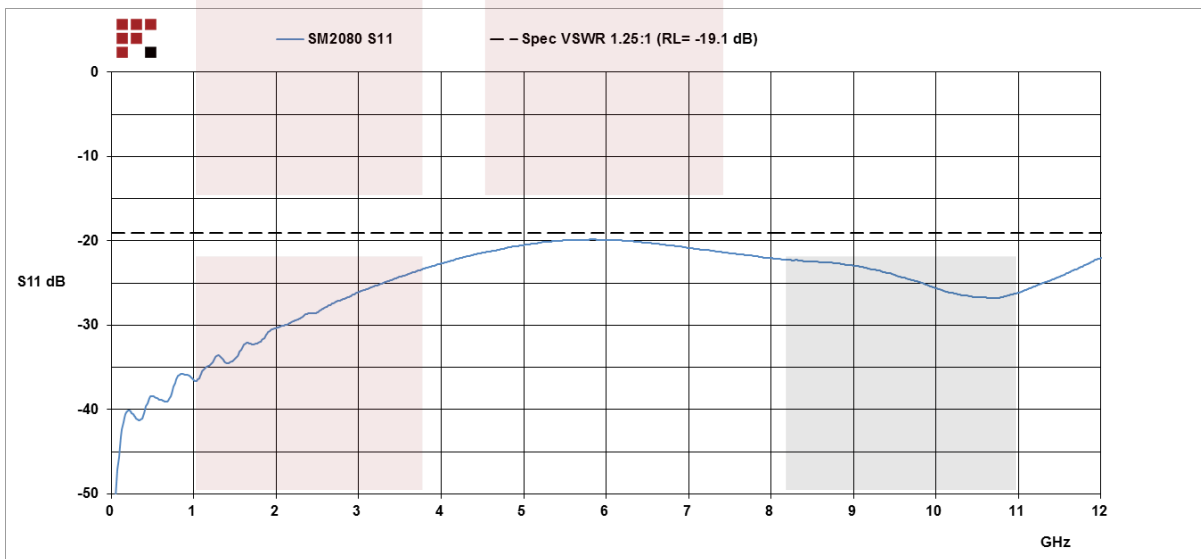
Description	Connector 1	Connector 2
Type	SMA Male	SSMB Jack
Contact Material	Brass	Brass
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Outer Contact Material		Brass
Outer Contact Plating		Nickel
Outer Conductor Contact Spec.		QQ-N-290
Body Material	Brass	
Body Plating	Nickel	
Body Plating Spec.	QQ-N-290	

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**



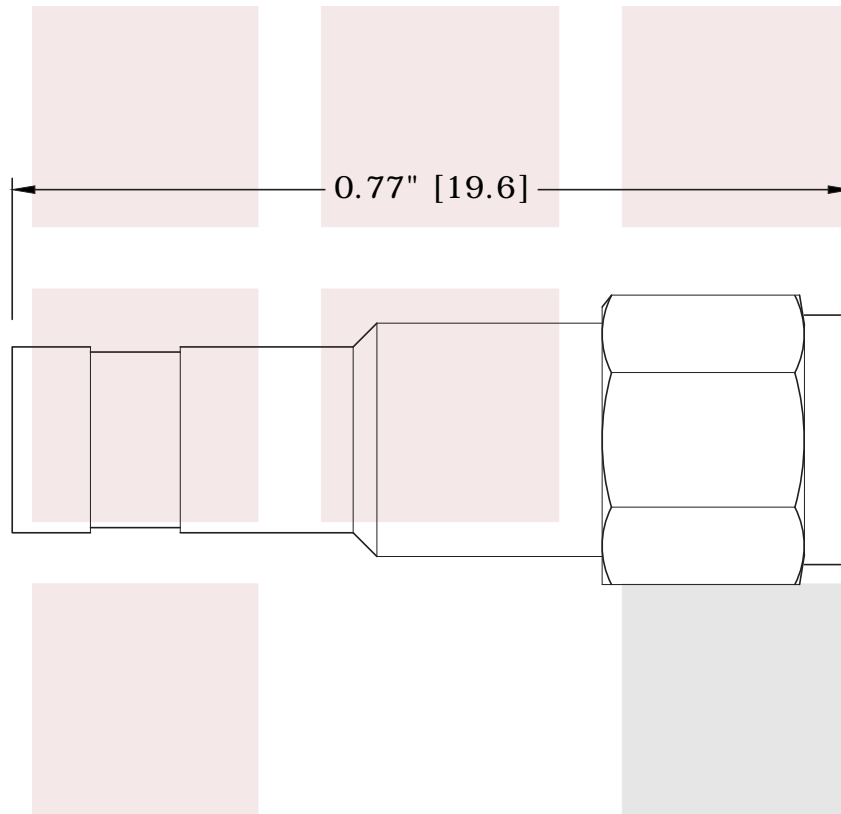
SMA Male to SSMB Jack Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Male to SSMB Jack Adapter SM2080](#)

URL: <https://www.fairviewmicrowave.com/sma-male-mini-smb-jack-adapter-sm2080-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.





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TITLE SMA Male to SSMB Jack Adapter		DWG NO <b>SM2080</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	072116	SHEET	SCALE	N/A	SIZE A 5568