

## Precision Push-On Mini SMP Female to Mini SMP Female Push-On Adapter

Push-on Mini SMP female to Mini SMP female push-on adapter part number SM2655 from Fairview Microwave is in-stock and ships same day. This Fairview Mini SMP to Mini SMP adapter has a female to female gender configuration in a precision design. SM2655 Mini SMP female to Mini SMP female adapter is gold plated and operates to 26.5 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 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		26.5	GHz
VSWR			1.2:1	

### Mechanical Specifications

<b>Size</b>	
Length	0.21 in [5.33 mm]
Width	0.1 in [2.54 mm]
Weight	0.0015 lbs [0.68 g]

Description	Connector 1	Connector 2
Type	Mini SMP Female	Mini SMP Female
Connection Method	Push-On	Push-On
Polarity	Standard	Standard

### Material Specifications

Description	Connector 1	Connector 2
Type	Mini SMP Female	Mini SMP Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Insulation Material	PTFE	PTFE
Outer Contact Material	Beryllium Copper	Beryllium Copper
Outer Contact Plating	Gold	Gold
Outer Contact Plating Spec.	MIL-G-45204	MIL-G-45204
Body Material	Beryllium Copper	Beryllium Copper
Body Plating	Gold	Gold
Body Plating Spec.	MIL-G-45204	MIL-G-45204



### Configuration:

- Push-On Mini SMP Female Connector 1
- Push-On Mini SMP Female Connector 2
- 50 Ohm
- Precision Design
- Straight Body Geometry

### Features:

- VSWR of 1.2:1 max up to 26.5 GHz
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

### Applications:

- General Purpose Test
- Precision Test & Measurement

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**Environmental Specifications**

**Temperature**

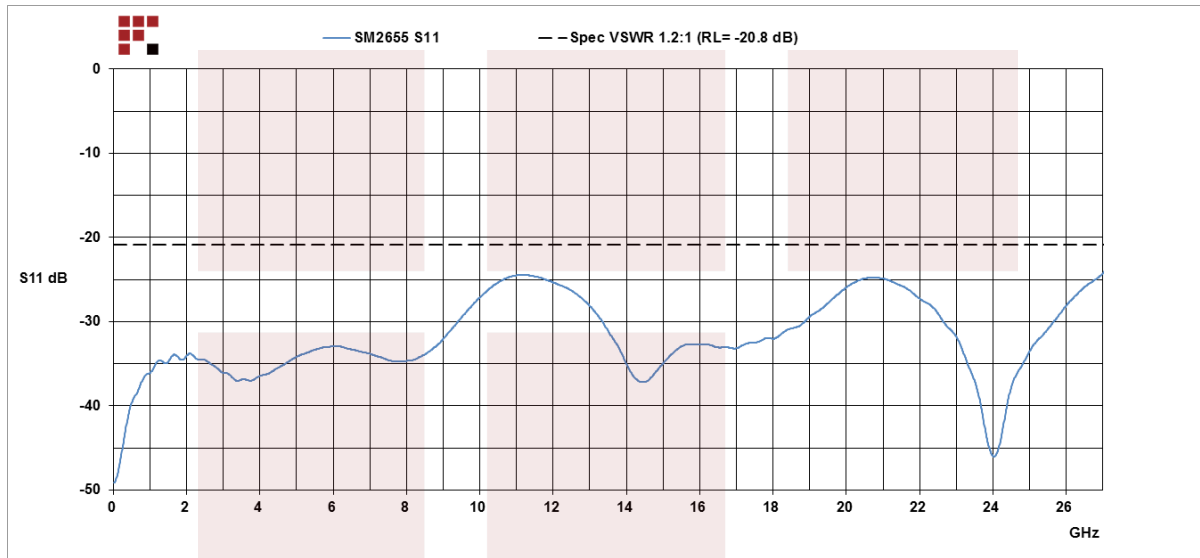
Operating Range -55 to +125 deg C

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**

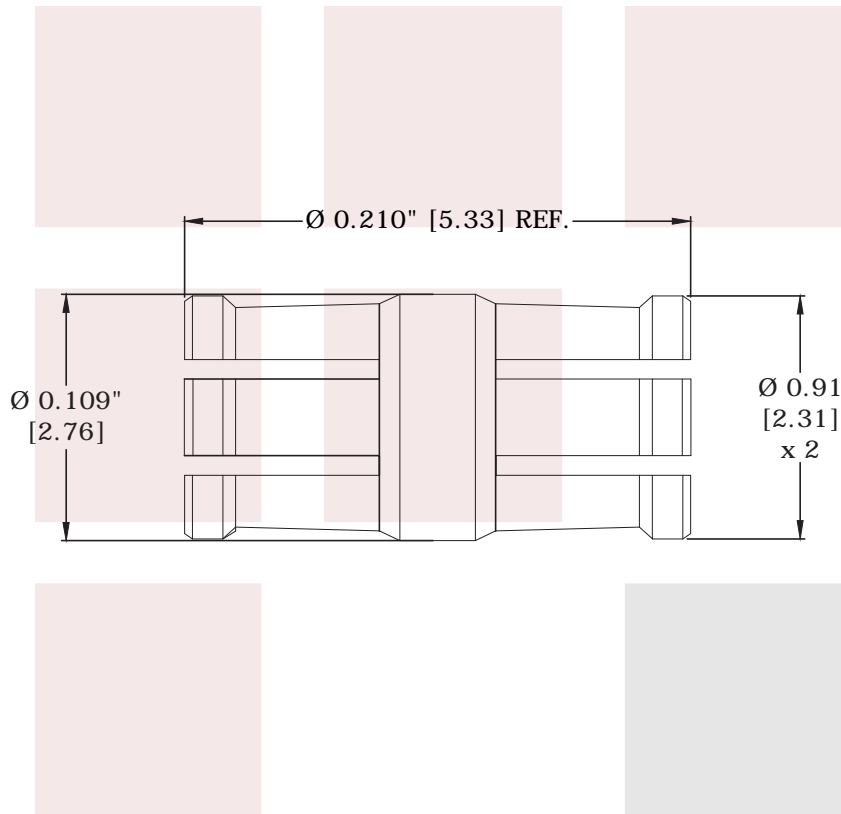


Precision Push-On Mini SMP Female to Mini SMP Female Push-On Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Precision Push-On Mini SMP Female to Mini SMP Female Push-On Adapter SM2655](#)

URL: <https://www.fairviewmicrowave.com/precision-push-on-mini-smp-female-mini-smp-female-push-on-adapter-sm2655-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.



<b>FAIRVIEW MICROWAVE INC.</b> 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 Precision Push-On Mini SMP Female to Mini SMP Female Push-On Adapter		DWG NO <b>SM2655</b>		CAGE CODE <b>3FKR5</b>	
		CAD FILE 061815	SHEET	SCALE N/A	SIZE A