

## 7/16 DIN Male (plug) to 7/16 DIN Male (plug) Adapter IP67 Mated, Silver Plated Brass Body, 1.2 VSWR

7/16 DIN male to 7/16 DIN male adapter part number SM4400 from Fairview Microwave is in-stock and ships same day. This Fairview 7/16 DIN to 7/16 DIN adapter has a male to male gender configuration. SM4400 7/16 DIN male to 7/16 DIN male adapter operates to 6 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		6	GHz
VSWR			1.2:1	

### Mechanical Specifications

<b>Size</b>	
Length	1.83 in [46.41 mm]
Weight	0.37 lbs [167.83 g]

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Male
Polarity	Standard	Standard
Interface Specification	IEC 169-4	IEC 169-4
Hex Size	32 mm	32 mm
Mating Torque	220 in-lbs max [24.86 Nm] max	220 in-lbs max [24.86 Nm] max

### Material Specifications

Description	Connector 1	Connector 2
Type	7/16 DIN Male	7/16 DIN Male
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Silver	Silver
Insulation Material	PTFE	PTFE
Outer Contact Material	Brass	
Outer Contact Plating	Silver	
Body Material	Brass	Brass
Body Plating	Silver	Silver
Coupling Nut Material	Brass	Brass
Coupling Nut Plating	Tri-Metal	Tri-Metal



### Configuration:

- 7/16 DIN Male Connector 1
- 7/16 DIN Male Connector 2
- 50 Ohm
- Straight Body Geometry

### Features:

- VSWR of 1.2:1 max up to 6 GHz
- 7/16 DIN interface meets IEC 169-4
- Silver Plated Beryllium Copper Contact

### Applications:

- General Purpose Test

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**Environmental Specifications**

**Temperature**

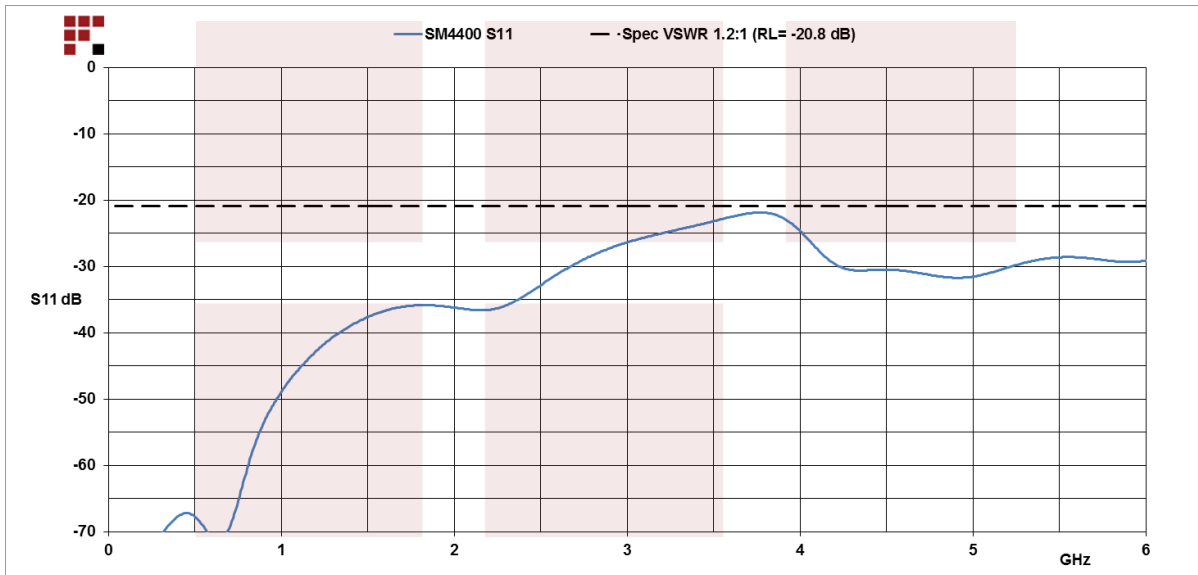
Operating Range -45 to +120 deg C  
Humidity IP67 Mated

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**

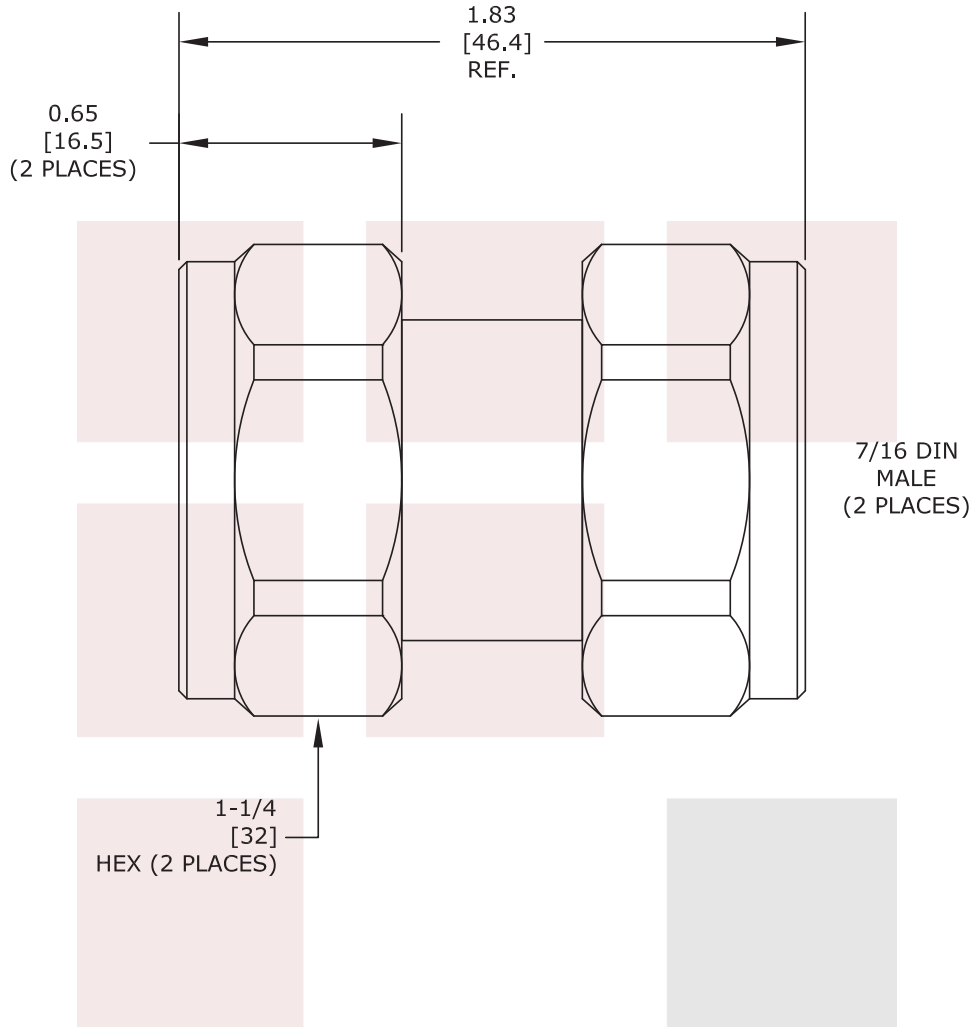


7/16 DIN Male (plug) to 7/16 DIN Male (plug) Adapter IP67 Mated, Silver Plated Brass Body, 1.2 VSWR from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [7/16 DIN Male \(plug\) to 7/16 DIN Male \(plug\) Adapter IP67 Mated, Silver Plated Brass Body, 1.2 VSWR SM4400](#)

URL: <https://www.fairviewmicrowave.com/7-16-male-7-16-male-adapter-sm4400-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		DWG NO SM4400		CAGE CODE 3FKR5	
		CAD FILE 070214	SHEET	SCALE N/A	SIZE A 2233