

## Bulkhead TNC Female to TNC Female Adapter IP67 UnMated

Bulkhead TNC female to TNC female adapter part number SM4465 from Fairview Microwave is in-stock and ships same day. This Fairview TNC to TNC adapter has a female to female gender configuration. SM4465 TNC female to TNC female adapter operates to 6 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. Our RF TNC bulkhead to TNC 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		6	GHz
VSWR			1.3:1	

### Mechanical Specifications

<b>Size</b>	
Length	1.402 in [35.6 mm]
Weight	0.0435 lbs [19.73 g]

Description	Connector 1	Connector 2
Type	TNC Female	TNC Female
Polarity	Standard	Standard
Mating Cycles	500	500

### Material Specifications

Description	Connector 1	Connector 2
Type	TNC Female	TNC Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material	Brass	Brass
Outer Contact Plating	Tri-Metal	Tri-Metal
Body Material	Brass	Brass
Body Plating	Tri-Metal	Tri-Metal
Gasket Material	Silicone	Silicone



### Configuration:

- TNC Female Connector 1
- TNC Female Connector 2
- 50 Ohm
- Straight Body Geometry
- Bulkhead Mount Method

### Features:

- VSWR of 1.3:1 max up to 6 GHz
- Gold Plated Beryllium Copper Contact

### Applications:

- General Purpose Test
- Rack Mounted Equipment

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**Environmental Specifications**

**Temperature**

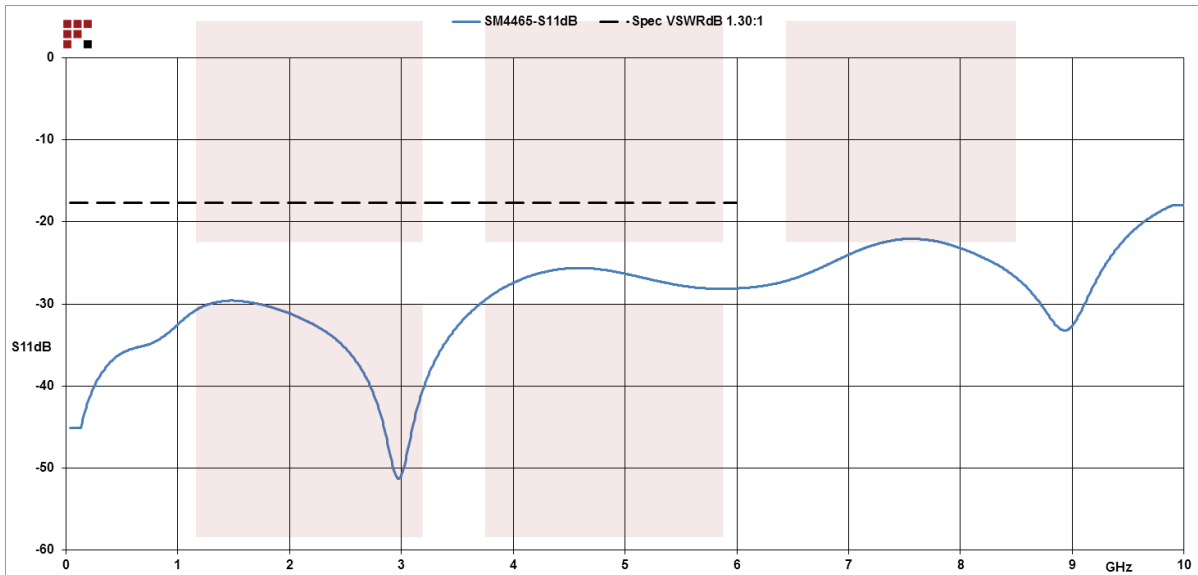
Operating Range -40 to +120 deg C  
Humidity IP67 UnMated

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

**Plotted and Other Data**

Notes:

**Typical Performance Data**

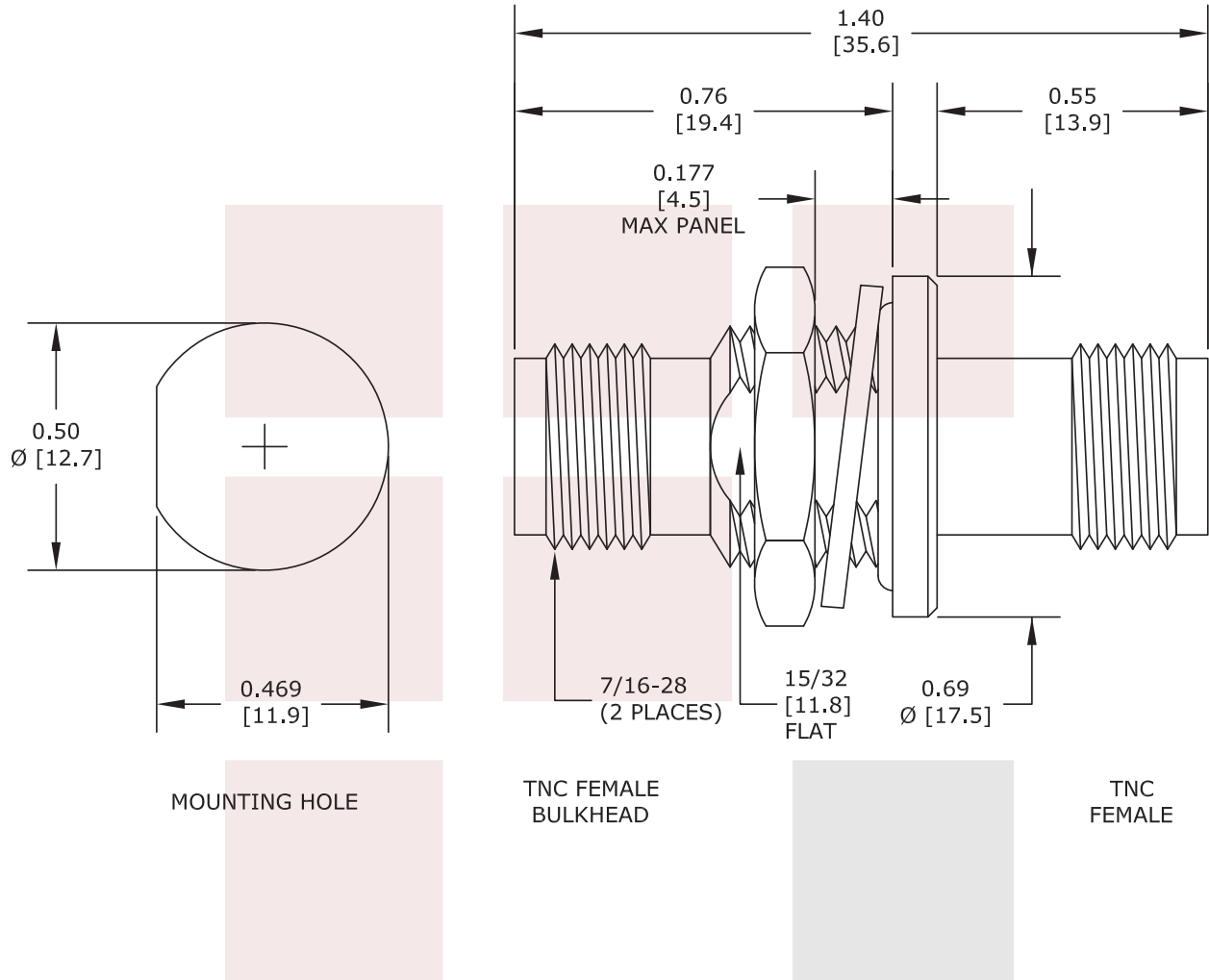


Bulkhead TNC Female to TNC Female Adapter IP67 UnMated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Bulkhead TNC Female to TNC Female Adapter IP67 UnMated SM4465](#)

URL: <https://www.fairviewmicrowave.com/bulkhead-tnc-female-tnc-female-adapter-sm4465-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 Bulkhead TNC Female to TNC Female Adapter IP67 UnMated		DWG NO <b>SM4465</b>		CAGE CODE <b>3FKR5</b>	
CAD FILE	070314	SHEET	SCALE	N/A	SIZE A 2233