

SMA Female (Jack) to TNC Female (Jack) Bulkhead Adapter, Nickel Plated Brass Body, High Temp, 1.3 VSWR

SMA female to TNC female bulkhead adapter part number FMAD1234 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to TNC adapter has a female to female gender configuration. FMAD1234 SMA female to TNC female adapter operates to 11 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors. Our RF SMA to TNC 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		11	GHz
VSWR			1.3:1	
Operating Voltage (AC)			500	Vrms

Mechanical Specifications

Size	
Length	1.300 in [33.0 mm]
Width	0.655 in [16.64 mm]
Weight	0.0398 lbs [18.05 g]

Description	Connector 1	Connector 2
Type	SMA Female	TNC Female
Polarity	Standard	Standard
Interface Specification	MIL-STD-348A	MIL-STD-348A



Configuration:

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

Features:

- VSWR of 1.3:1 max up to 11 GHz
- SMA interface meets MIL-STD-348A
- TNC interface meets MIL-STD-348A
- 50 μ -in minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications:

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

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Material Specifications

Description	Connector 1	Connector 2
Type	SMA Female	TNC Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Contact Plating Spec.	50 µ-in minimum	50 µ-in minimum
Insulation Material	PTFE	PTFE
Outer Contact Material	Brass	Brass
Outer Contact Plating	Nickel	Nickel
Outer Contact Plating Spec.	100 µ-in minimum	100 µ-in minimum
Body Material	Brass	Brass
Body Plating	Nickel	Nickel
Body Plating Spec.	100 µ-in minimum	100 µ-in minimum
Gasket Material		Silicone
Washer Material		Brass
Washer Plating		Nickel

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

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

Plotted and Other Data

Notes:

SMA Female (Jack) to TNC Female (Jack) Bulkhead Adapter, Nickel Plated Brass Body, High Temp, 1.3 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: [SMA Female \(Jack\) to TNC Female \(Jack\) Bulkhead Adapter, Nickel Plated Brass Body, High Temp, 1.3 VSWR FMAD1234](#)

URL: <https://www.fairviewmicrowave.com/sma-female-tnc-female-bulkhead-adapter-fmad1234-p.aspx>

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