

Miter RA SMA Female to TNC Male Adapter with Passivated Stainless Steel Body, DC to 18 GHz

Miter RA SMA female to TNC male adapter part number FMAD1572 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to TNC adapter has a female to male gender configuration and is built of durable stainless steel. FMAD1572 SMA female to TNC male adapter operates to 18 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. This miter right angle SMA to TNC adapter allows for easier connections in tight spaces.

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		18	GHz
VSWR			1.3:1	

Mechanical Specifications

Size	
Length	1.090 in [27.7 mm]
Width	0.44 in [11.18 mm]
Height	1.19 in [30.23 mm]
Weight	0.023 lbs [10.43 g]

Description	Connector 1	Connector 2
Type	SMA Female	TNC Male
Polarity	Standard	Standard
Mating Cycles	500	500
Hex Size		9/16 in

Material Specifications

Description	Connector 1	Connector 2
Type	SMA Female	TNC Male
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold over Nickel	Gold over Nickel
Insulation Material	Oxide-Noryl	Oxide-Noryl
Outer Contact Material	Passivated Stainless Steel	
Body Material	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Material		Passivated Stainless Steel



Configuration:

- SMA Female Connector 1
- TNC Male Connector 2
- 50 Ohm
- Miter Right Angle Body Geometry

Features:

- VSWR of 1.3:1 max up to 18 GHz
- Gold over Nickel Plated Beryllium Copper Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

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

Plotted and Other Data

Notes:

Miter RA SMA Female to TNC Male Adapter with Passivated Stainless Steel Body, DC to 18 GHz 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: [Miter RA SMA Female to TNC Male Adapter with Passivated Stainless Steel Body, DC to 18 GHz FMAD1572](#)

URL: <https://www.fairviewmicrowave.com/sma-jack-tnc-plug-right-angle-adapter-fmad1572-p.aspx>

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