

RF Adapter, 45 Degree Angle TNC plug to TNC jack 18GHz VSWR1.2

TNC adapter FMAD1600 from Fairview Microwave is part of a very large selection of in-stock interconnect RF components. Our TNC to TNC adapter is a coaxial adapter design with a 50 Ohm impedance. This 50 Ohm TNC adapter is manufactured to precise RF adapter specifications and has a maximum VSWR of 1.200.

Our in-series connection type RF adapter, which operates to 18 GHz makes connections in tight spaces easier. This passivated stainless steel RF adapter can be used to make connections between two connector types that would not otherwise mate. This TNC adapter contains beryllium copper contacts with gold over nickel contact plating.

This TNC to TNC adapter is constructed with male gender on side 1 and female on side 2. FMAD1600 TNC male to TNC female coaxial adapter from Fairview has a 45-degree angled body ideal for routing RF/Microwave signals in tight spaces. Additionally, RF adapters can be utilized to protect connectors on expensive equipment where the number of connect and disconnect cycles is high.

Fairview TNC male to TNC female adapter is part of over one million RF microwave and millimeter wave components in stock. 45-degree angle RF TNC adapter is ready for same day purchase and shipping worldwide. We also stock and/or custom build TNC coaxial cables that ship quickly from our facility for all your RF adapter component needs.

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.2:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 1	1 to 4	4 to 8	8 to 12	12 to 18	GHz
Insertion Loss, Max	0.07	0.14	0.198	0.242	0.297	dB

Mechanical Specifications

Size	
Length	1.59 in [40.39 mm]
Width	0.57 in [14.48 mm]
Height	1.01 in [25.65 mm]
Weight	0.08 lbs [36.29 g]

Description	Connector 1	Connector 2
Type	TNC Male	TNC Female
Polarity	Standard	Standard



Configuration:

- TNC Male Connector 1
- TNC Female Connector 2
- 50 Ohm
- 45 Degree Body Geometry

Features:

- VSWR of 1.2:1 max up to 18 GHz
- Gold over Nickel Plated Beryllium Copper Contact

Applications:

- General Purpose Test

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Material Specifications

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

Environmental Specifications

Temperature

Operating Range

Humidity

Thermal Shock

Salt Spray

-65 to +165 deg C

MIL-STD-202, Method 206

MIL-STD-202, Method 107, Condition B

MIL-STD-202, Method 101, Condition B

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

Plotted and Other Data

Notes:

RF Adapter, 45 Degree Angle TNC plug to TNC jack 18GHz VSWR1.2 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: [RF Adapter, 45 Degree Angle TNC plug to TNC jack 18GHz VSWR1.2 FMAD1600](#)

URL: <https://www.fairviewmicrowave.com/angle-undefined-tnc-male-to-tnc-female-adapter-mil-std-202-method-206-with-passivated-stainless-steel-body-fmad1600-p.aspx>

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