

TNC Male (Plug) to N Female (Jack) Adapter, Commercial Grade



FMAD10043

Configuration

- TNC Male Connector 1
- N Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Features

- Gold Plated Brass Contact

Applications

- Enables Between Series Connections
- General Purpose Test

Description

TNC male to type N female adapter part number FMAD10043 from Fairview Microwave is in-stock and ships same day. This Fairview TNC to type N adapter has a male to female gender configuration. FMAD10043 TNC male to type N female adapter operates to 11 GHz.

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	Minimum	Typical	Maximum	Units
Frequency Range	DC		11	GHz
Impedance		50		Ohms
Insertion Loss			0.15	dB
Operating Voltage (DC)			500	Vdc
Dielectric Withstanding Voltage (AC)			1,000	Vrms

Mechanical Specifications

Size

Length	1.32 in [33.60 mm]
Width	0.63 in [15.95 mm]
Height	0.63 in [15.95 mm]
Weight	0.06 lbs [27.22 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Mating Torque	15 in-lbs 1.70 Nm max	15 in-lbs 1.70 Nm max

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	TNC Male		N Female	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
Body	Brass	Nickel	Brass	Nickel

Environmental Specifications

Temperature

Operating Range	-55 to +85 °C
Humidity	MIL-Std-202, Method 106, Condition B
Vibration	MIL-Std-202, Method 204, Condition B
Altitude	MIL-Std-202, Method 105, Condition C
Temperature Cycling	MIL-Std-202, Method 102, Condition C
Salt Spray	MIL-Std-202, Method 101, Condition C

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

Plotted and Other Data

TNC Male (Plug) to N Female (Jack) Adapter, Commercial Grade 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: [TNC Male \(Plug\) to N Female \(Jack\) Adapter, Commercial Grade FMAD10043](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/tnc-male-to-n-female-adapter-mil-std-202-method-106-condition-b-fmad10043.html>

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FMAD10043 CAD Drawing

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