

TNC Male to TNC Male Adapter with Passivated Stainless Steel Body

TNC male to TNC male adapter part number FMAD1186 from Fairview Microwave is in-stock and ships same day. This Fairview TNC to TNC adapter has a male to male gender configuration and is built of durable stainless steel. FMAD1186 TNC male to TNC male adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.25:1 maximum.

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			1.25:1	
Insertion Loss			0.3	dB
DWV (AC)			1,500	Vrms
Insulation Resistance	5,000			MOhms

Electrical Specification Notes:
Values at 25°C, sea level.

Mechanical Specifications

Size	
Length	1.55 in [39.37 mm]
Width	0.56 in [14.22 mm]
Weight	0.0761 lbs [34.52 g]

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348
Hex Size	9/16 in.	9/16 in.
Mating Torque	12 to 15 in-lbs [1.36 to 1.70 Nm]	12 to 15 in-lbs [1.36 to 1.70 Nm]



Configuration:

- TNC Male Connector 1
- TNC Male Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.25:1 max up to 18 GHz
- TNC interface meets MIL-STD-348
- 50 µin minimum contact plating
- Gold over Nickel Plated Beryllium Copper Contact
- Max VSWR of 1.25:1 up to 18 GHz
- TNC Interface compliant with MIL-STD-348
- Gold over Nickel Plated Beryllium Copper Contact
- 50 µin min Gold over Nickel Contact Plating

Applications:

- General Purpose Test
- General Purpose Test

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Material Specifications

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold over Nickel	Gold over Nickel
Contact Plating Spec.	50 µin minimum	50 µin minimum
Insulation Material	PTFE	PTFE
Body Material	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Spec.	SAE-AMS-2700	SAE-AMS-2700
Coupling Nut Material	Passivated Stainless Steel	Passivated Stainless Steel
Coupling Nut Plating Spec.	SAE-AMS-2700	SAE-AMS-2700

Environmental Specifications

Temperature

Operating Range -55 to +150 deg C

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

Plotted and Other Data

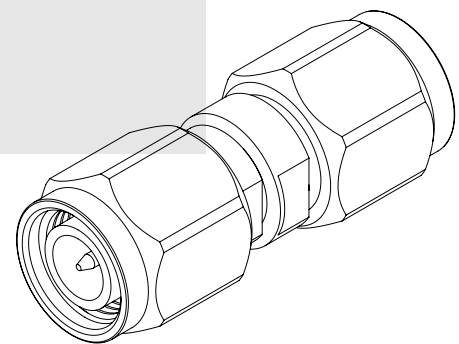
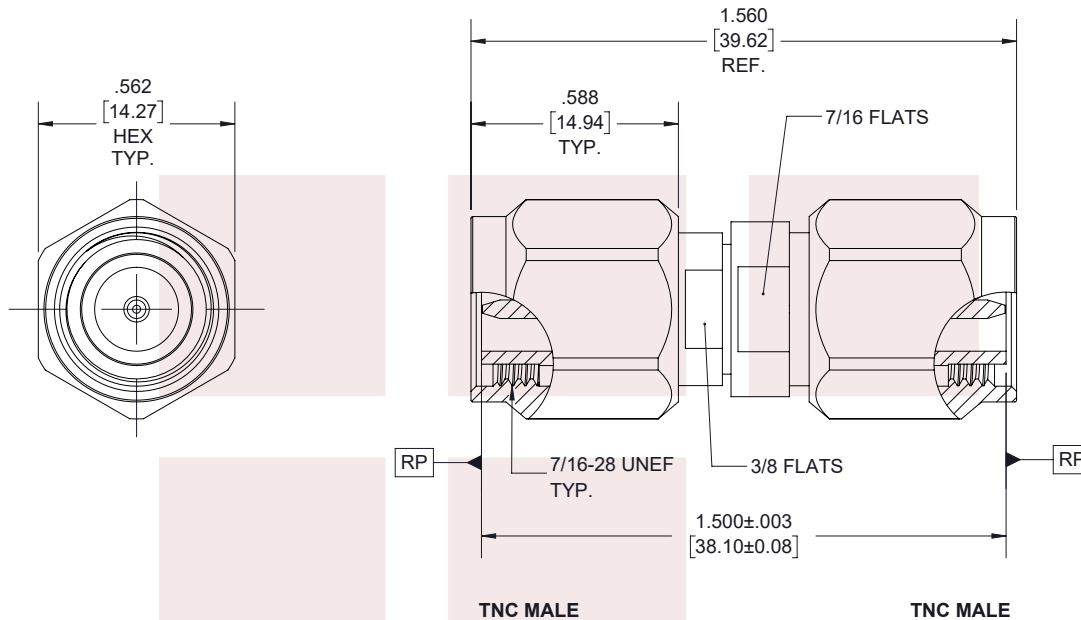
Notes:

TNC Male to TNC Male Adapter with Passivated Stainless Steel Body 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 Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Male to TNC Male Adapter with Passivated Stainless Steel Body FMAD1186](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-tnc-male-adapter-fmad1186-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.



STANDARD TOLERANCES

.X ±0.2
.XX ±0.01
.XXX ±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES

Fairview Microwave RF COMPONENTS ON DEMAND. <i>Done!</i>		NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].				
TITLE TNC Male to TNC Male Adapter with Passivated Stainless Steel Body	DWG NO FMAD1186		CAGE CODE 3FKR5			
	CAD FILE 01/09/19	SHEET 1 OF 1	SCALE N/A	SIZE A	7361	