

TNC Male to TNC Female Adapter IP67 UnMated

TNC male to TNC female adapter part number SM4463 from Fairview Microwave is in-stock and ships same day. This Fairview TNC to TNC adapter has a male to female gender configuration. SM4463 TNC male to TNC female adapter operates to 6 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. Our TNC to TNC RF adapter can also be used as a connector saver to extend equipment life.

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		6	GHz
VSWR			1.3:1	

Mechanical Specifications

Size	
Length	1.323 in [33.6 mm]
Weight	0.0455 lbs [20.64 g]

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

Material Specifications

Description	Connector 1	Connector 2
Type	TNC Male	TNC Female
Contact Material	Beryllium Copper	Beryllium Copper
Contact Plating	Gold	Gold
Insulation Material	PTFE	PTFE
Outer Contact Material		Brass
Outer Contact Plating		Tri-Metal
Body Material	Brass	Brass
Body Plating	Tri-Metal	Tri-Metal
Gasket Material	Silicone	Silicone
Coupling Nut Material	Brass	
Coupling Nut Plating	Tri-Metal	



Configuration:

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

Features:

- VSWR of 1.3:1 max up to 6 GHz
- Rated IP67 UnMated
- Gold Plated Beryllium Copper Contact

Applications:

- Connector Saver
- General Purpose Test

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Environmental Specifications

Temperature

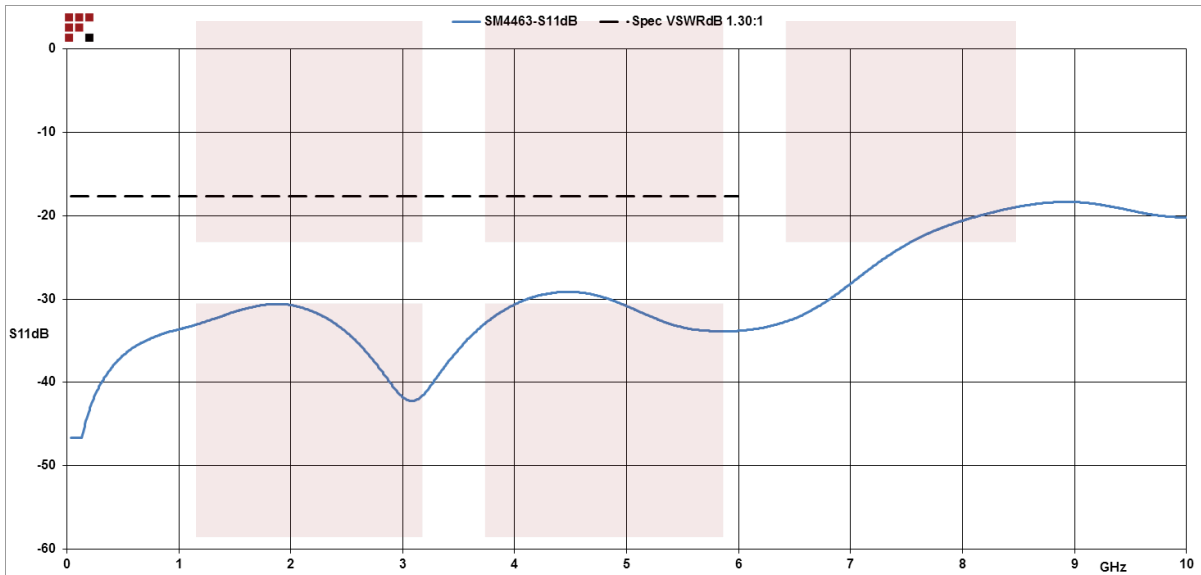
Operating Range -55 to +120 deg C
Ingress Protection (IP) Rating IP67 UnMated

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

Plotted and Other Data

Notes:

Typical Performance Data

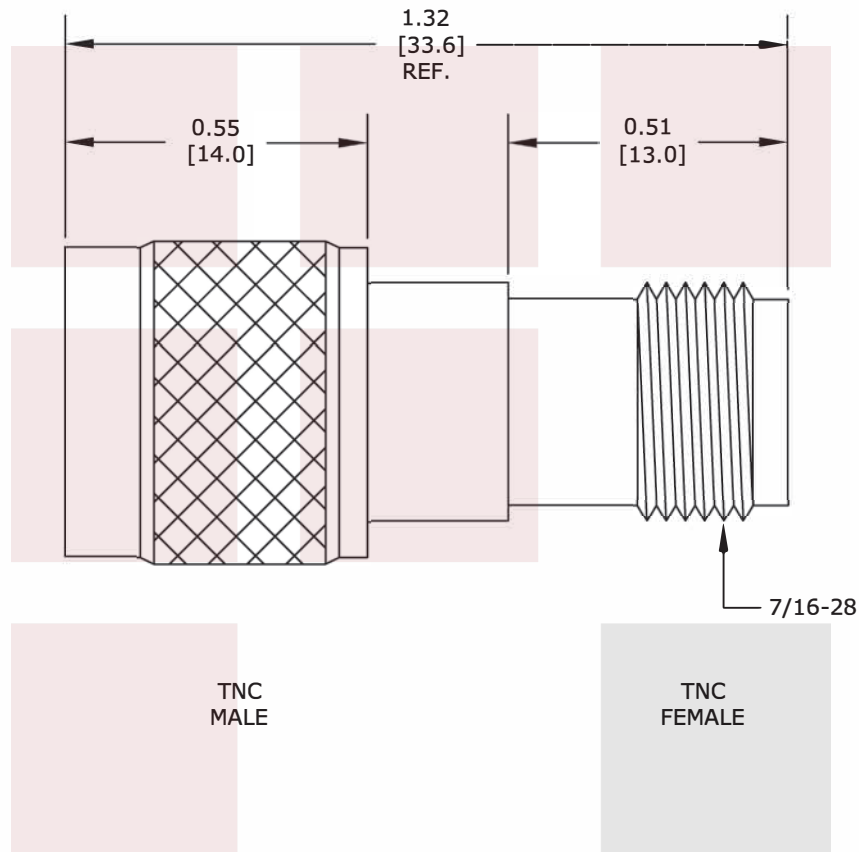


TNC Male to TNC Female Adapter IP67 UnMated from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Male to TNC Female Adapter IP67 UnMated SM4463](#)

URL: <https://www.fairviewmicrowave.com/tnc-male-tnc-female-adapter-sm4463-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.



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	DWG NO SM4463		CAGE CODE 3FKR5		
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CAD FILE 061014	SHEET	SCALE N/A	SIZE A	2233	