

TNC Female to N Male Adapter

TNC female to type N male adapter part number SM8353 from Fairview Microwave is in-stock and ships same day. This Fairview TNC to type N adapter has a female to male gender configuration. SM8353 TNC female to type N male adapter operates to 500 MHz. The Fairview Microwave RF adapter provides good VSWR of 1.35:1 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		500	MHz
VSWR			1.35:1	
Operating Voltage (AC)			500	Vrms

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

Mechanical Specifications

Size

Length	1.272 in [32.31 mm]
Width	0.787 in [19.99 mm]
Weight	0.06834 lbs [31 g]

Description	Connector 1	Connector 2
Type	TNC Female	N Male
Polarity	Standard	Standard
Mating Cycles	500	500



Configuration:

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

Features:

- VSWR of 1.35:1 max up to 500 MHz
- Gold Plated Brass Contact

Applications:

- Enables Between Series Connections
- General Purpose Test

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Material Specifications

Description	Connector 1	Connector 2
Type	TNC Female	N Male
Contact Material	Brass	Brass
Contact Plating	Gold	Gold
Insulation Material	POM	POM
Outer Contact Material	Brass	
Outer Contact Plating	Nickel	
Outer Contact Plating Spec.	100 µin minimum	
Body Material		Brass
Body Plating		Nickel
Body Plating Spec.		100 µin minimum

Environmental Specifications

Temperature

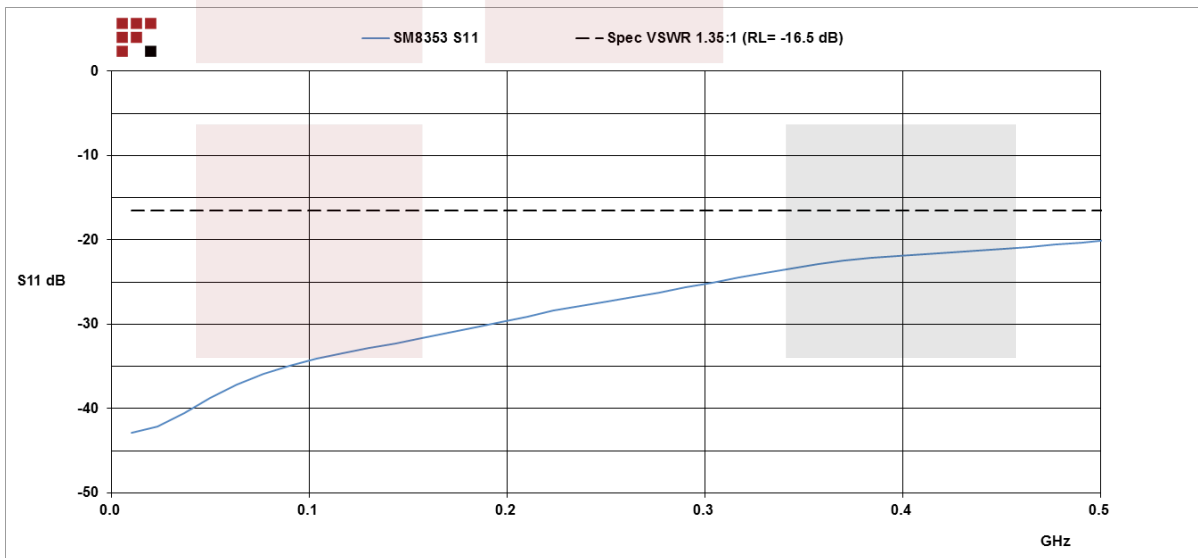
Operating Range -40 to +60 deg C

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

Plotted and Other Data

Notes:

Typical Performance Data



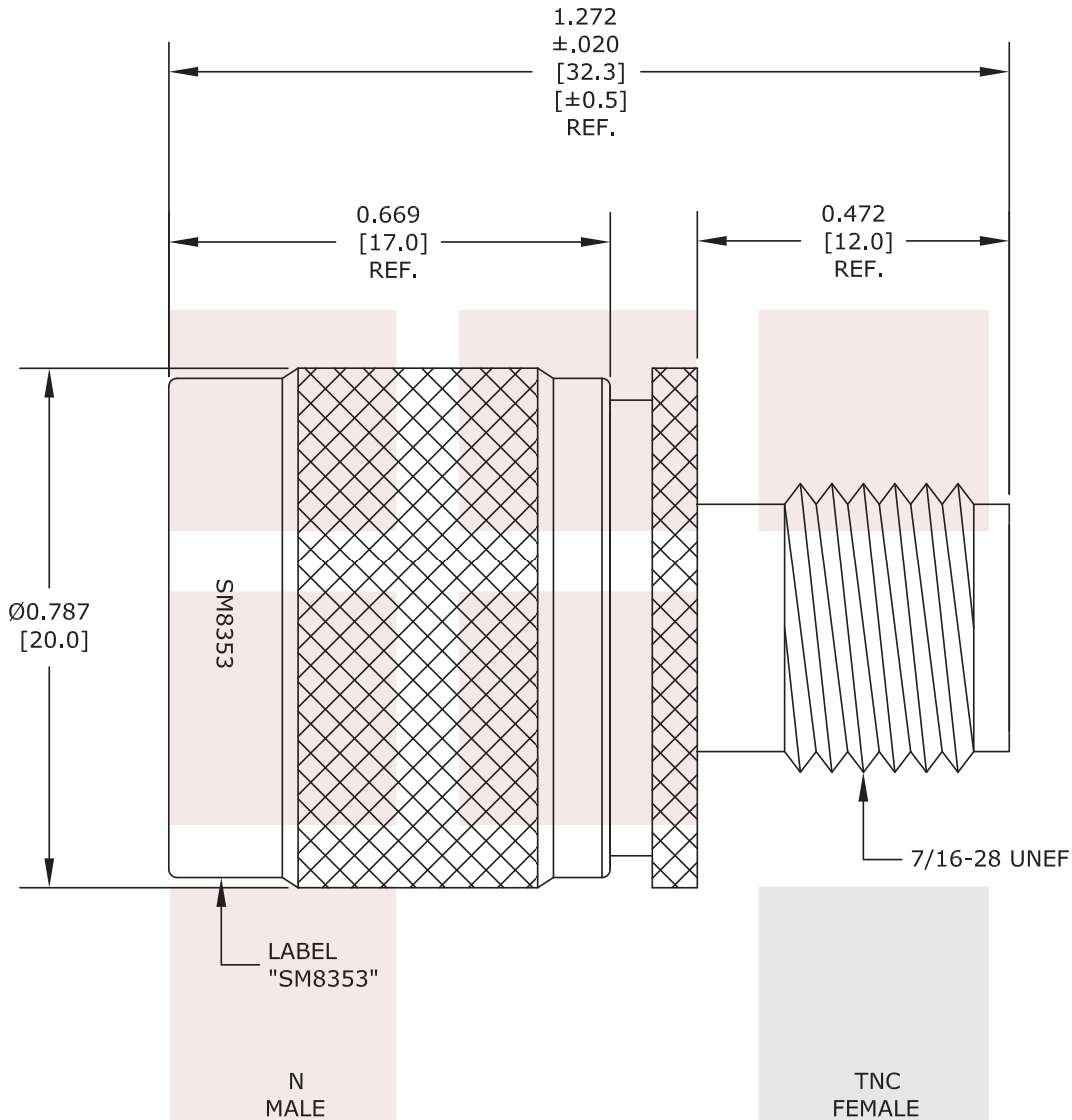
TNC Female to N Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [TNC Female to N Male Adapter SM8353](#)

URL: <https://www.fairviewmicrowave.com/tnc-female-n-male-adapter-sm8353-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	±0.1
.XXX	±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM		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 Female to N Male Adapter		DWG NO SM8353		CAGE CODE 3FKR5	
CAD FILE	091616	SHEET	SCALE	N/A	SIZE A 41742