

SMA Male to RP TNC Male Adapter

Electrical Specifications

Frequency Range DC to 11 GHz
 Maximum VSWR 1.2:1

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Range	DC to 11					GHz

Mechanical Specifications

Size
 Length 1.08 in [27.43 mm]
 Width 0.59 in [14.99 mm]

Connector 1

Type SMA Male
 Inner Conductor Material and Plating Gold
 Inner Conductor Plating Specification MIL-G-45204
 Coupling Nut Material and Plating Brass, Nickel
 Hex Size 5/16 in.
 Torque 5 in-lbs [0.57 Nm]
 Body Material and Plating Brass, Nickel
 Dielectric Type Teflon

Connector 2

Type TNC Male Reverse Polarity
 Inner Conductor Material and Plating Gold
 Inner Conductor Plating Specification MIL-G-45204
 Coupling Nut Material and Plating Brass, Nickel
 Body Material and Plating Brass, Nickel
 Dielectric Type Teflon

Environmental Specifications

Temperature
 Operating Range -65 to +165 deg C

Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes:
 • Values at 25 °C, sea level

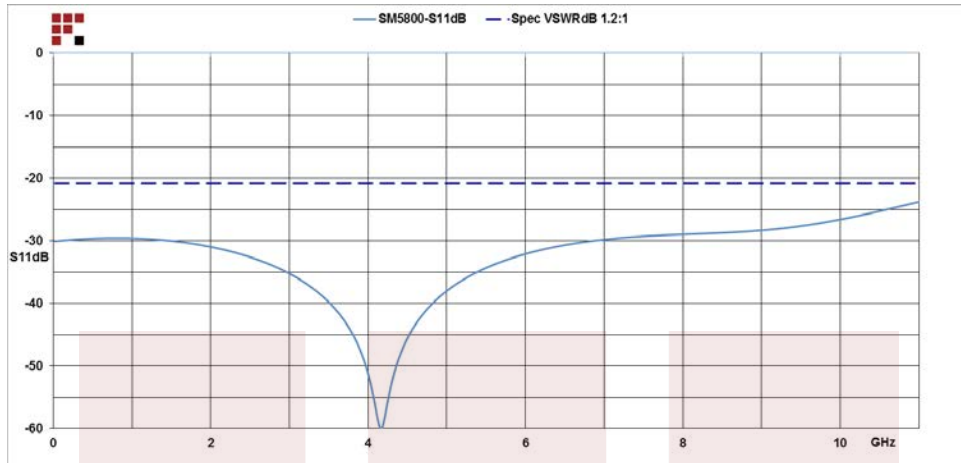


Features:

- Connector 1: SMA Male
- Impedance 1: 50 Ohms
- Connector Specification 1: MIL-C-39012
- Connector 2: TNC Male Reverse Polarity
- Impedance 2: 50 Ohms
- Connector Specification 2: MIL-C-39012
- Adapter Design: Standard
- Body Style: Straight

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Typical Performance Data

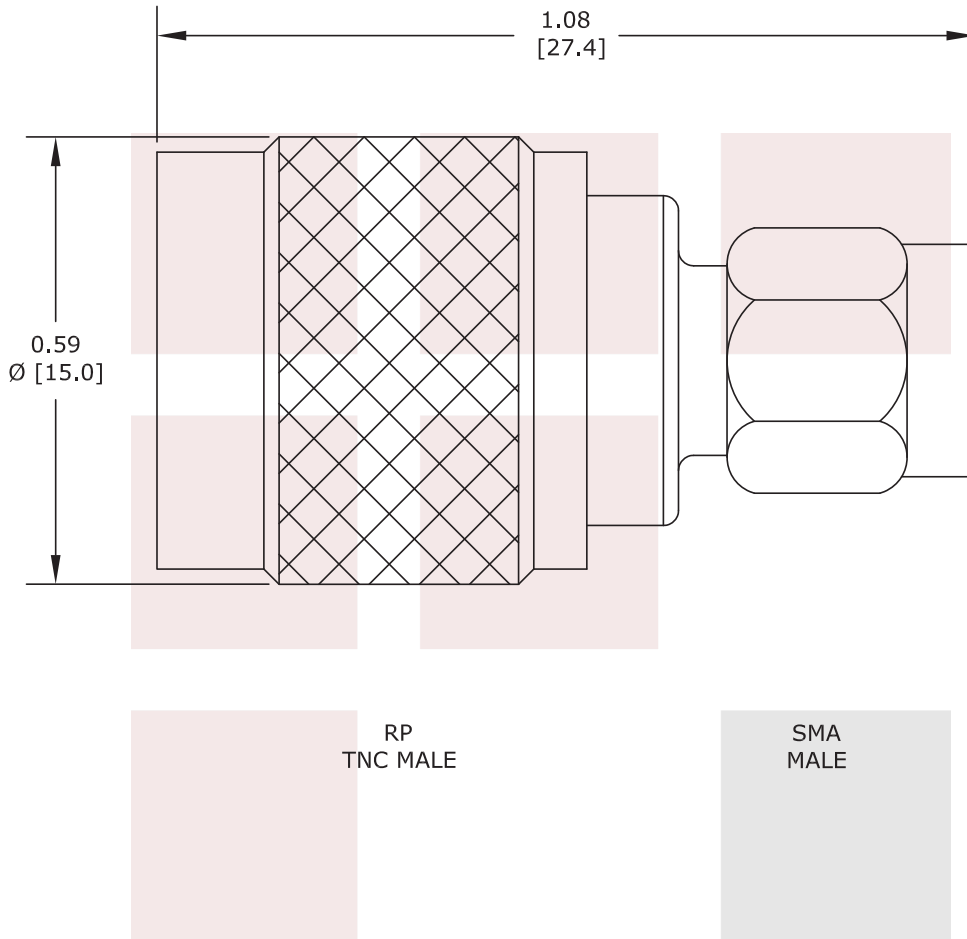


SMA Male to RP TNC Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [SMA Male to RP TNC Male Adapter SM5800](#)

URL: <http://www.fairviewmicrowave.com/sma-male-rp-tnc-male-adapter-sm5800-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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TITLE SMA Male to RP TNC Male Adapter		DWG NO SM5800		CAGE CODE 3FKR5	
CAD FILE	110514	SHEET	SCALE	N/A	SIZE A 2233