

# SM5810 DATA SHEET

## **RP SMA Female to 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

1.05 in [26.67 mm]

0.59 in [14.99 mm]

Gold

Teflon

Gold

Teflon

**TNC Male** 

MIL-G-45204

Brass, Nickel

Brass, Nickel

-65 to +165 deg C

MIL-G-45204

Brass, Nickel

SMA Female Reverse Polarity

#### **Mechanical Specifications**

**Size** Lenat

Length Width

**Connector 1** 

Type Inner Conductor Material and Plating Inner Conductor Plating Specification Body Material and Plating Dielectric Type

**Connector 2** 

Type
Inner Conductor Material and Plating
Inner Conductor Plating Specification
Coupling Nut Material and Plating
Body Material and Plating
Dielectric Type

**Environmental Specifications** 

Temperature

Operating Range

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

#### **Plotted and Other Data**

Notes

• Values at 25 °C, sea level



#### Features:

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

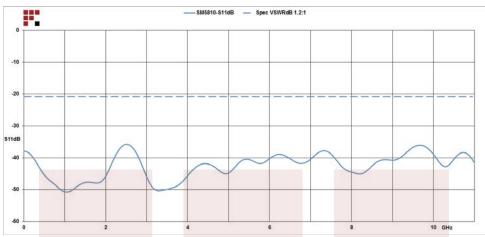
Fairview Microwave 1130 Junction Dr. #100 Allen, TX 75013

Tel: 1-800-715-4396 / (972) 649-6678 Fax: (972) 649-6689

www.fairviewmicrowave.com sales@fairviewmicrowave.com



#### **Typical Performance Data**



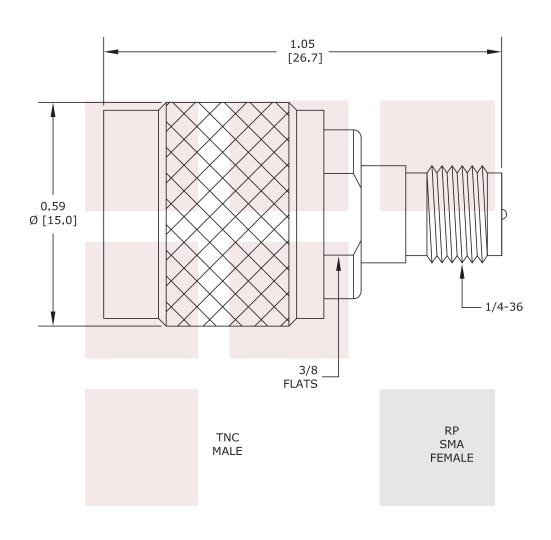
RP SMA Female to TNC Male Adapter from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: RP SMA Female to TNC Male Adapter SM5810

URL: http://www.fairviewmicrowave.com/rp-sma-female-tnc-male-adapter-sm5810-p.aspx

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RP SMA Female to TNC Male Adapter	DWG NO SM5810			CAGE CODE 3FKR5			
	CAD FILE 100114	SHEET	SCALE	N/A	SIZE A	2233	