SMA Female (Jack) to SMP Male (Plug) Full Detent Adapter, Passivated Stainless Steel Body, High Temp, 1.2 VSWR



SM8811

Configuration

- SMA Female Connector 1
- Full Detent SMP Male Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Features

- VSWR of 1.2:1 max up to 26.5 GHz
- SMA interface meets MIL-STD-348
- SMP interface meets MIL-STD-348
- Contact plating according to MIL-G-45204
- Gold Plated Beryllium Copper Contact

Applications

- Enables Between Series Connections
- General Purpose Test

Description

SMA female to SMP male full detent adapter part number SM8811 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to SMP adapter has a female to male gender configuration. SM8811 SMA female to SMP male adapter operates to 26.5 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 maximum. The SMA connector mates mechanically with commercially available 3.5mm and 2.92mm (K) connectors.

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	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
Impedance		50		Ohms
VSWR			1.2:1	

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

Mechanical Specifications

Size

Length	0.78 in [19.81 mm]
Width	0.28 in [7.11 mm]
Height	0.28 in [7.11 mm]
Weight	0.01 lbs [4.22 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Interface Specification	MIL-STD-348	MIL-STD-348

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Description	Connector 1	Connector 2
Mating Cycles, Min	500	

Material Specifications

	Connector 1		Connector 2	
Description	Material	Plating	Material	Plating
Type	SMA Female		Full Detent SMP Male	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Outer Conductor	Passivated Stainless Steel	AMS-QQ-P-35		
Body			Passivated Stainless Steel	AMS-QQ-P-35

Environmental Specifications

Temperature

Operating Range -65 to +165 ºC

Compliance Certifications (see product page for current document)

Plotted and Other Data

SMA Female (Jack) to SMP Male (Plug) Full Detent Adapter, Passivated Stainless Steel Body, High Temp, 1.2 VSWR 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: SMA Female (Jack) to SMP Male (Plug) Full Detent Adapter, Passivated Stainless Steel Body, High Temp, 1.2 VSWR SM8811

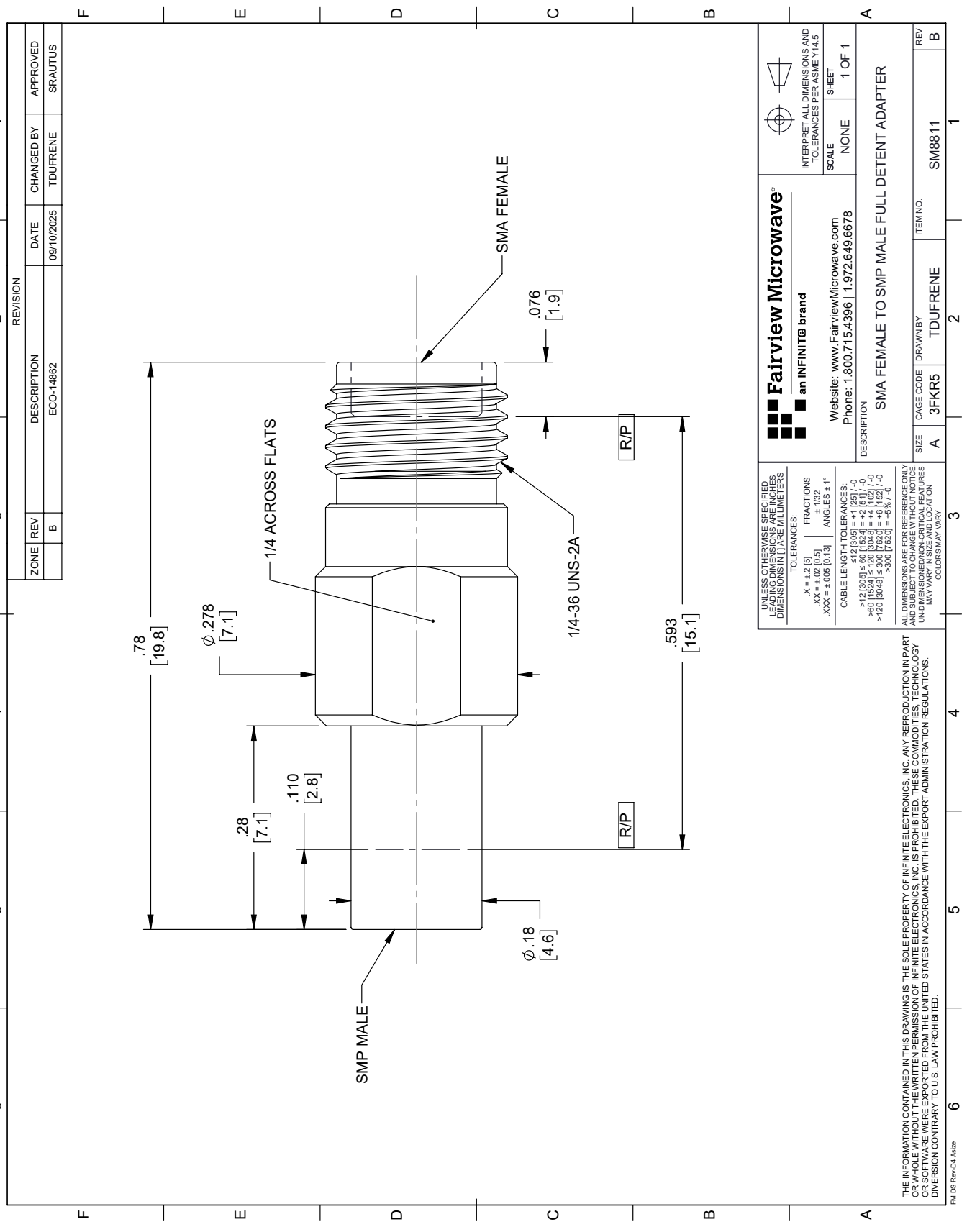
URL: https://www.fairviewmicrowave.com/product/rf-adapters/sma-female-smp-male-full-detent-adapter-sm8811.html

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SM8811 CAD Drawing

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