

## 2.92mm Male (Plug) to Mini SMP Male (Plug) Full Detent Adapter, Gold Plated Beryllium Copper Body, 1.3 VSWR



### SM8927

#### Configuration

- 2.92mm Male Connector 1
- Full Detent Mini SMP Male Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

#### Features

- VSWR of 1.3:1 max up to 40 GHz
- 2.92mm interface meets MIL-STD-348
- Mini 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

2.92mm male to Mini SMP male full detent adapter part number SM8927 from Fairview Microwave is in-stock and ships same day. This Fairview 2.92mm to Mini SMP adapter has a male to male gender configuration. SM8927 2.92mm male to Mini SMP male adapter operates to 40 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum. The 2.92mm connector mates mechanically with commercially available SMA and 3.5mm 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		40	GHz
Impedance		50		Ohms
VSWR			1.3:1	

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

#### Mechanical Specifications

##### Size

Length	0.91 in [23.11 mm]
Width	0.31 in [7.87 mm]
Height	0.00 in [0.00 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
Hex Size	5/16 inch	

**Material Specifications**

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	2.92mm Male		Full Detent Mini SMP Male	
Contact	Beryllium Copper	Gold MIL-G-45204	Beryllium Copper	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Body	Beryllium Copper	Gold MIL-G-45204	Passivated Stainless Steel	AMS-QQ-P-35
Coupling Nut	Passivated Stainless Steel	AMS-QQ-P-35		

**Environmental Specifications**

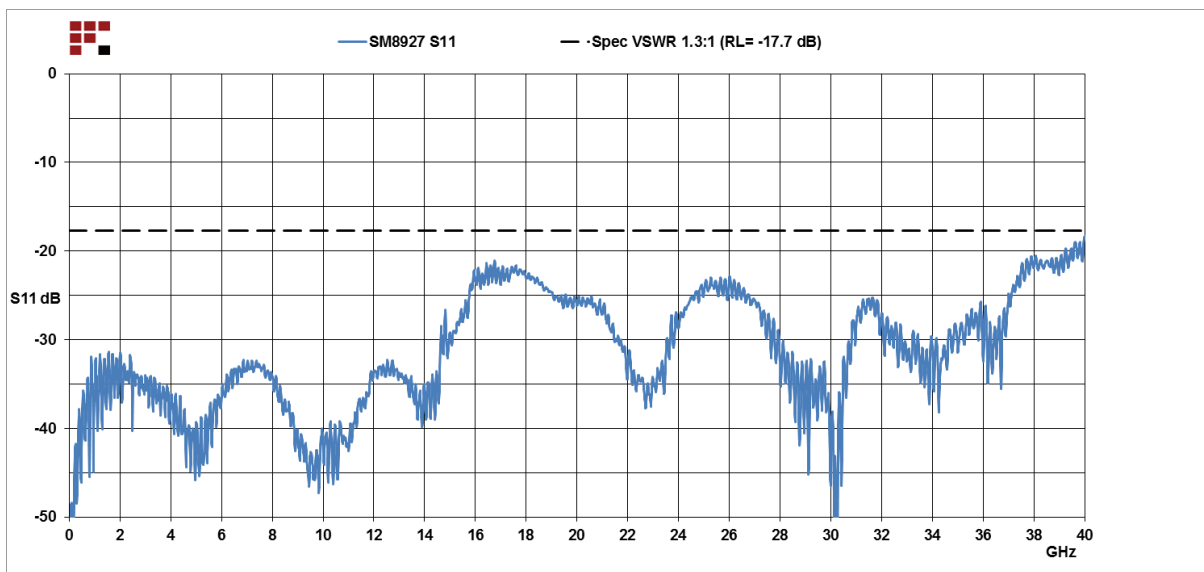
**Temperature**

Operating Range -55 to +125 °C

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

**Plotted and Other Data**

**Typical Performance Data**



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For additional information on this product, please click the following link: [2.92mm Male \(Plug\) to Mini SMP Male \(Plug\) Full Detent Adapter, Gold Plated Beryllium Copper Body, 1.3 VSWR SM8927](https://www.fairviewmicrowave.com/product/rf-adapters/2.92mm-male-mini-smp-male-full-detent-adapter-gold-plated-beryllium-copper-body-1.3-vswr-sm8927)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/2.92mm-male-mini-smp-male-full-detent-adapter-sm8927.html>

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# SM8927 CAD Drawing

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