

2 Hole Flange RP SMA Female (Jack) to RP SMA Female (Jack) Adapter, Passivated Stainless Steel Body, High Temp, 1.20 VSWR

SM4991



Configuration

- SMA Female Reverse Polarity Connector 1
- SMA Female Reverse Polarity Connector 2
- 50 Ohms Impedance

- Straight Body Geometry
- 2 Hole Flange Mount Method

Features

- VSWR of 1.2:1 max up to 18 GHz
- Contact plating according to MIL-G-45204

- Gold Plated Brass Contact

Applications

- General Purpose Test
- Rack Mounted Equipment

Description

2 hole flange RP SMA female to RP SMA female adapter part number SM4991 from Fairview Microwave is in-stock and ships same day. This Fairview reverse polarity SMA to reverse polarity SMA adapter has a female to female gender configuration and is built of durable stainless steel. SM4991 reverse polarity SMA female to reverse polarity SMA female adapter operates to 18 GHz. The Fairview Microwave RF adapter provides excellent VSWR of 1.2:1 maximum. Our RF SMA 2 hole flange to SMA adapter allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		18	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Dielectric Withstanding Voltage (AC)			1,500	Vrms

Mechanical Specifications

Size

Length	0.88 in [22.23 mm]
Width	0.63 in [15.88 mm]
Weight	0.01 lbs [5.17 g]

Description	Connector 1	Connector 2
Polarity	Reverse Polarity	Reverse Polarity

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Female Reverse		SMA Female Reverse	
	Polarity		Polarity	
Contact	Brass	Gold MIL-G-45204	Brass	Gold MIL-G-45204
Insulation	PTFE		PTFE	
Body	Passivated Stainless Steel	QQ-P-35	Passivated Stainless Steel	QQ-P-35

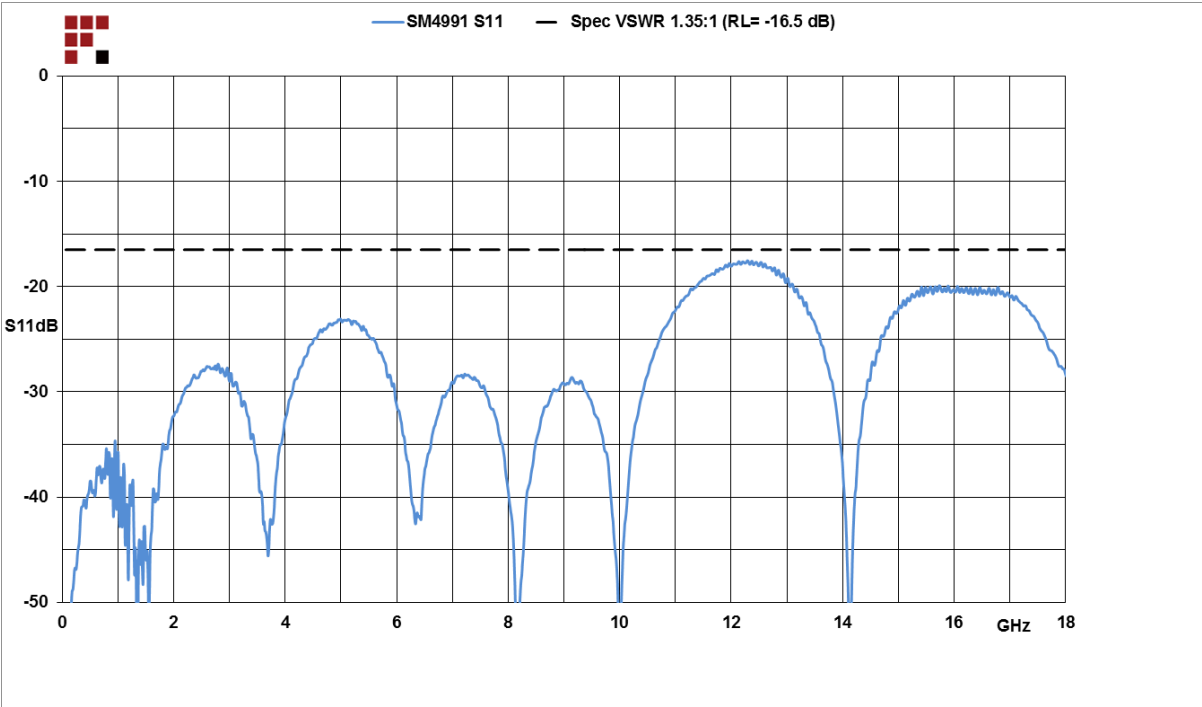
Environmental Specifications

Temperature
Operating Range -65 to +165 °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 Hole Flange RP SMA Female \(Jack\) to RP SMA Female \(Jack\) Adapter, Passivated Stainless Steel Body, High Temp, 1.20 VSWR SM4991](https://www.fairviewmicrowave.com/product/rf-adapters/2-hole-flange-rp-sma-female-to-rp-sma-female-adapter-with-passivated-stainless-steel-body-sm4991.html)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/2-hole-flange-rp-sma-female-to-rp-sma-female-adapter-with-passivated-stainless-steel-body-sm4991.html>

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SM4991 CAD Drawing

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