

SMA Female (Jack) to N Female (Jack) 4 Hole Flange Adapter, Passivated Stainless Steel Body, 1.2 VSWR



FMAD10146

Configuration

- SMA Female Connector 1
- N Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry
- 4 Hole Flange Mount Method

Features

- VSWR of 1.2:1 max up to 18 GHz
- 3 µin minimum contact plating
- Gold Plated Beryllium Copper Contact

Applications

- Enables Between Series Connections
- General Purpose Test
- Rack Mounted Equipment

Description

SMA female to type N female 4 hole flange adapter part number FMAD10146 from Fairview Microwave is in-stock and ships same day. This Fairview SMA to type N adapter has a female to female gender configuration and is built of durable stainless steel. FMAD10146 SMA female to type N female adapter operates to 18 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. Our RF SMA to type N 4 hole flange 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	

Mechanical Specifications

Size

Length	1.23 in [31.24 mm]
Weight	0.07 lbs [32.16 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard
Mating Cycles, Min	500	500

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	SMA Female		N Female	
Contact	Beryllium Copper	Gold 3 µin minimum	Beryllium Copper	Gold 3 µin minimum
Insulation	PTFE		PTFE	
Outer Conductor	Passivated Stainless Steel		Passivated Stainless Steel	
Body	Passivated Stainless Steel		Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range -65 to +165 °C

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

Plotted and Other Data

SMA Female (Jack) to N Female (Jack) 4 Hole Flange Adapter, Passivated Stainless Steel Body, 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 N Female \(Jack\) 4 Hole Flange Adapter, Passivated Stainless Steel Body, 1.2 VSWR FMAD10146](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/sma-female-to-n-female-4-hole-flange-adapter-with-passivated-stainless-steel-body-fmad10146>

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FMAD10146 CAD Drawing

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