

N Male (Plug) to SMA Female (Jack) Adapter, Commercial Grade



FMAD10051

Configuration

- N Male Connector 1
- SMA Female Connector 2
- 50 Ohms Impedance
- Straight Body Geometry

Features

- Gold Plated Brass Contact

Applications

- Enables Between Series Connections
- General Purpose Test

Description

Type N male to SMA female adapter part number FMAD10051 from Fairview Microwave is in-stock and ships same day. This Fairview type N to SMA adapter has a male to female gender configuration. FMAD10051 type N male to SMA female adapter operates to 6 GHz.

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		6	GHz
Impedance		50		Ohms
Insertion Loss			0.15	dB
Operating Voltage (DC)			500	Vdc
Dielectric Withstanding Voltage (DC)			1,000	

Mechanical Specifications

Size

Length	1.17 in [29.72 mm]
Width	0.79 in [20.07 mm]
Height	0.79 in [20.07 mm]
Weight	0.07 lbs [31.75 g]

Description	Connector 1	Connector 2
Polarity	Standard	Standard

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Material Specifications

Description	Connector 1		Connector 2	
	Material	Plating	Material	Plating
Type	N Male		SMA Female	
Contact	Brass	Gold	Brass	Gold
Insulation	PTFE		PTFE	
Outer Conductor	Brass	Nickel		
Body	Brass	Nickel	Brass	Nickel
Gasket	Rubber			

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

N Male (Plug) to SMA Female (Jack) Adapter, Commercial Grade 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: [N Male \(Plug\) to SMA Female \(Jack\) Adapter, Commercial Grade FMAD10051](#)

URL: <https://www.fairviewmicrowave.com/product/rf-adapters/n-male-to-sma-female-adapter-fmad10051.html>

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FMAD10051 CAD Drawing

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