

SM4002 DATA SHEET

Push-On N Male to N Female Adapter

Push-on type N male to type N female adapter part number SM4002 from Fairview Microwave is in-stock and ships same day. This Fairview type N to type N adapter has a male to female gender configuration. SM4002 type N male to type N female adapter operates to 18 GHz. The Fairview Microwave RF adapter provides good VSWR of 1.3:1 maximum.

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	Min	Тур	Max	Units
Frequency Range	DC		18	GHz
VSWR			1.3:1	
Operating Voltage (AC)			1,000	Vrms
DWV (AC)			2,500	Vrms

Electrical Specification Notes:

Values at 25°C, sea level.

Mechanical Specifications

Size Length Width Weight		1.33 in [33.78 mm] 0.79 in [20.07 mm] 0.0965 lbs [43.77 g]			
Description	Connector 1	Connector 2			
Туре	N Male	N Female			
Connection Method	Push-On				
Polarity	Standard	Standard			



Configuration:

- Push-On N Male Connector 1
- N Female Connector 2
- 50 Ohm
- Straight Body Geometry

Features:

- VSWR of 1.3:1 max up to 18 GHz
- 0.3 µm minimum contact plating
- · Gold Plated Contact

Applications:

• General Purpose Test

Fairview Microwave 1130 Junction Dr. #100 Allen, TX 75013

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Material Specifications

Connector 1	Connector 2
N Male	N Female
Beryllium Copper	Beryllium Copper
Gold	Gold
0.3 µm minimum	0.3 µm minimum
PTFE	PTFE
	Brass
	Tri-Metal
Brass	
Tri-Metal	
Brass	
Tri-Metal	
	N Male Beryllium Copper Gold 0.3 µm minimum PTFE Brass Tri-Metal Brass

Environmental Specifications

Temperature

Operating Range

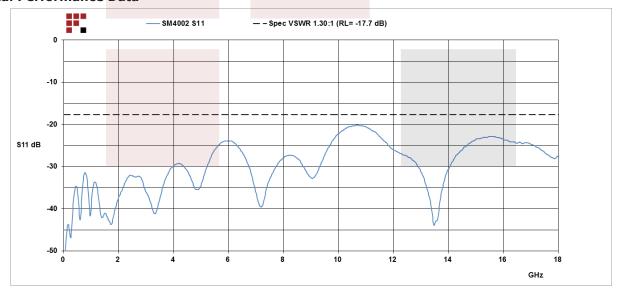
-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Performance Data







Push-On N Male to N Female Adapter 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 Allen, Texas. Fairview Microwave is RF on-demand.

> The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order

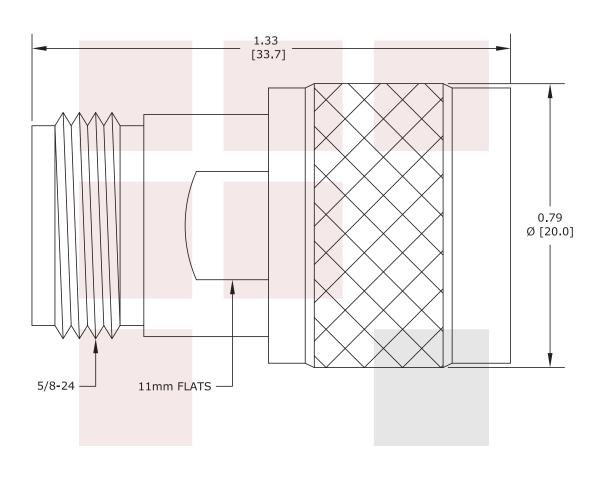
For additional information on this product, please click the following link: Push-On N Male to N Female Adapter SM4002

URL: https://www.fairviewmicrowave.com/n-male-n-female-adapter-sm4002-p.aspx

stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.	to implement improvements	s. Fairview Micro	wave reserves the rig	ht to make such	changes as rec	juired. Unless	otherwise
arising out of the use of any part or documentation.				, and Fairview M	licrowave does	not assume ar	ny liability
	arising out of the use of any	y part or docume	ntation.				







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Push-On N Male to N Female Adapter	DWG NO SM4002			CAGE CODE 3FKR5		
	CAD FILE 120915	SHEET	SCAL	E N/A	SIZE A	150