



N Female to RP TNC Male Adapter

Type N female to RP TNC male adapter part number SM5795 from Fairview Microwave is in-stock and ships same day. This Fairview type N to reverse polarity TNC adapter has a female to male gender configuration. SM5795 type N female to reverse polarity TNC male adapter operates to 6 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		6	GHz
VSWR			1.3:1	
Operating Voltage (AC)			335	Vrms
DWV (AC)			1,000	Vrms

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

Mechanical Specifications

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Size	
Length	1.49 in [37.85 mm]
Weight	0.08951 lbs [40.6 g]

Description	Connector 1	Connector 2
Туре	N Female	TNC Male
Polarity	Standard	Reverse Polarity
Mating Cycles	500	500



Configuration:

- N Female Connector 1
- TNC Male Reverse Polarity Connector 2
- 50 Ohms
- Straight Body Geometry

Features:

- VSWR of 1.3:1 max up to 6 GHz
- 1.3 µm minimum contact plating
- Gold Plated Brass Contact

Applications:

- Enables Between Series Connections
- · General Purpose Test

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Material Specifications

Description	Connector 1	Connector 2				
Туре	N Female	TNC Male				
Contact Material	Brass	Brass				
Contact Plating	Gold	Gold				
Contact Plating Spec.	1.3 µm minimum	1.3 µm minimum				
Insulation Material	PTFE	PTFE				
Outer Contact Material	Brass					
Outer Contact Plating	Nickel					
Body Material		Brass				
Body Plating		Nickel				
Coupling Nut Material		Brass				
Coupling Nut Plating		Nickel				

Environmental Specifications

Temperature

Operating Range

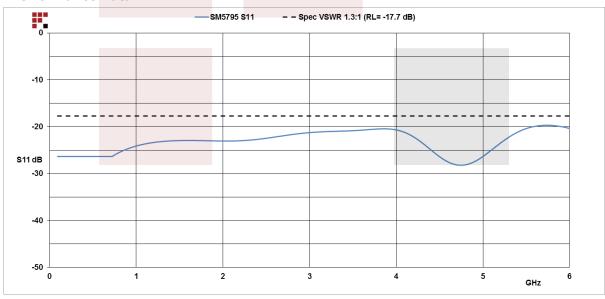
-45 to +120 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

Typical Performance Data







N Female to RP TNC Male 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

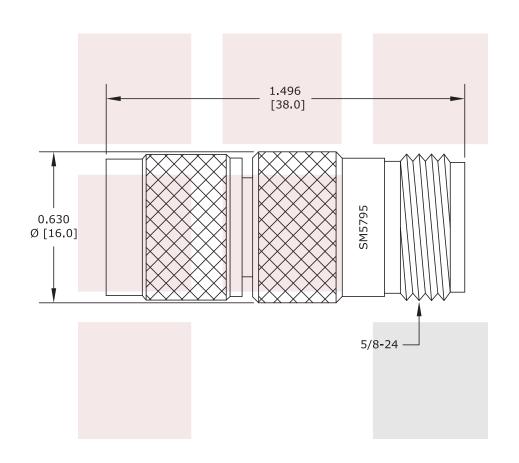
For additional information on this product, please click the following link: N Female to RP TNC Male Adapter SM5795

URL: https://www.fairviewmicrowave.com/n-female-rp-tnc-male-adapter-sm5795-p.aspx

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stated, al	l specificati	ons are i	nominal.	Fairvie	w Microwa	ve does n	ot make	any rep	resentat	ion or v	warranty re	gard	ing the
suitability	of the part	t describ	ed hereir	for any	/ particulai	purpose,	and Fair	view Mi	crowave	does n	ot assume	any	liability
arising ou	t of the use	of any p	part or do	cument	ation.								







STANDARD TOLERANCES
.X ±0.2
.XX ±0.1

.XXX ±0.05

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM	NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].						
N Female to RP TNC Male Adapter	DWG NO SM5795				CAGE CODE 3FKR5		
	CAD FILE 122815	SHEET	SCAL	E N/A	SIZE A	150	