

RF Load 5 Watts To 4 GHz Nickel Plated Brass N Male

RF termination (also called RF load or dummy load) ST4N-5WA from Fairview Microwave operates from DC to 4 GHz and handles up to 5 Watts (CW). This N termination (or load) has a male gender. ST4N-5WA N load termination offers 1.15:1 max VSWR.

RF terminations / loads are critical passive components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can reduce the signal integrity and can potentially damage the device. By terminating an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These radio frequency termination components are commonly used to terminate devices such as couplers, circulators, and switches. Loads / terminations are also widely used in measurement systems to ensure accurate results. Fairview offers a large selection of in-stock RF, microwave and millimeter wave terminations up to 65 GHz with great performance over the entire operating range and with power handling capabilities up to 800 Watts (CW).

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
VSWR			1.15:1	
Input Power (CW) derated linearly to 1W at +125°C			5	Watts

Mechanical Specifications

Size	
Length	1.48 in [37.59 mm]
Width	0.78 in [19.81 mm]
Weight	0.16755 lbs [76 g]

Configuration	
Connector	N Male

Material Specifications

Description	Material	Plating
Connector 1 Contact	Brass	Gold
Insulation	PTFE	
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Housing	Brass	Nickel

Environmental Specifications

Temperature	
Operating Range	-55 to +125 deg C



Features:

- DC to 4 GHz Frequency Range
- VSWR 1.15:1 Max
- Max Power 5 Watts (CW)
- N Male Coaxial Interface

Applications:

- Wireless
- SatCom
- Radar Systems
- Test and Measurement
- Commercial and Military Communication

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Compliance Certifications (visit www.FairviewMicrowave.com for current document)

RoHS Compliant	Yes
REACH Compliant	12/17/2015

Plotted and Other Data

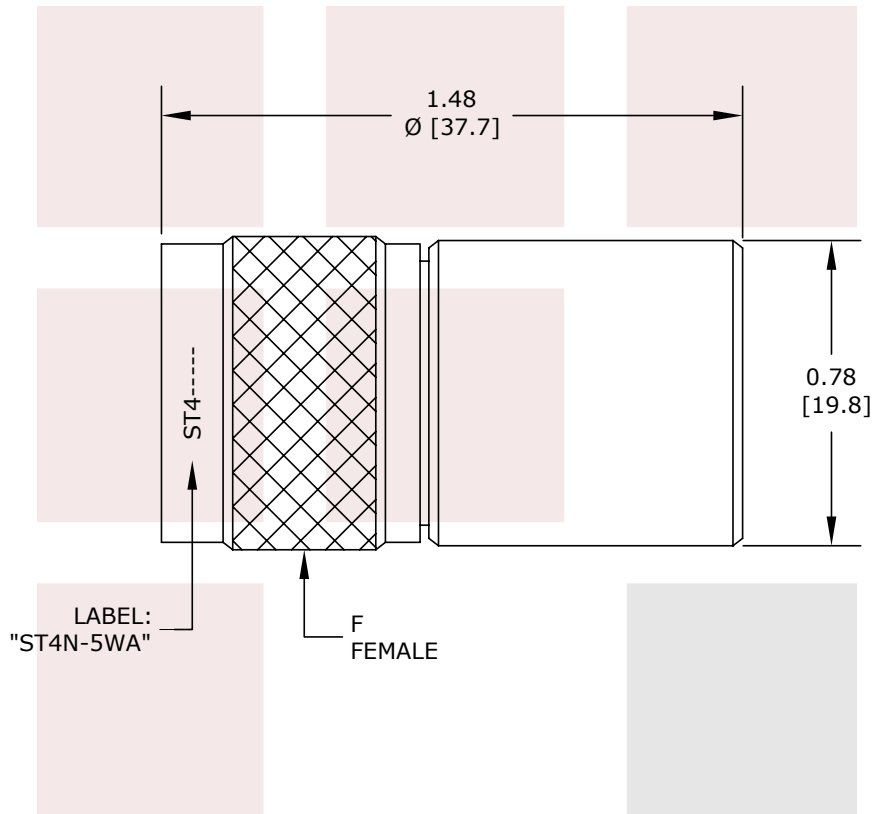
Notes:

RF Load 5 Watts To 4 GHz Nickel Plated Brass N Male 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.

For additional information on this product, please click the following link: [RF Load 5 Watts To 4 GHz Nickel Plated Brass N Male ST4N-5WA](#)

URL: <https://www.fairviewmicrowave.com/rf-load-5-watts-4-ghz-n-male-st4n-5wa-p.aspx>

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TITLE RF Load 5 Watts To 4 GHz Nickel Plated Brass N Male		DWG NO ST4N-5WA		CAGE CODE 3FKR5	
CAD FILE	041316	SHEET	SCALE	N/A	SIZE A 3045