

**RF Load 50 Watts Medium Power To 8.5 GHz Black Anodized Plated Aluminum Alloy N Male**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	DC		8.5	GHz
Impedance			50	Ohms
VSWR			1.3:1	
Input Power			50	Watts

\* Values at 25°C, sea level

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Range	DC to 4	4 to 8.5				GHz
VSWR	1.2:1	1.3:1				

**Mechanical Specifications**

**Temperature**

Operating Range

-55 to +125 deg C

**Size**

Length

3.8 in [96.52 mm]

Width/Dia.

1.62 in [41.15 mm]

Weight

0.48325 lbs [219.2 g]

**Connector**

Type

N Male

Inner Conductor Material and Plating

Beryllium Copper, Passivated  
Stainless Steel

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant

Yes

REACH Compliant

06/16/2014

**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

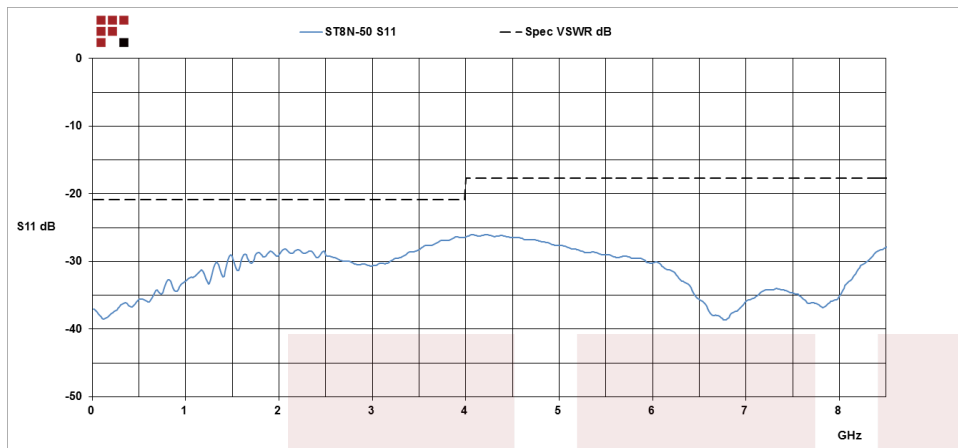


**Features:**

- Connector: N Male
- Heat Sink: Aluminum Alloy, Black Anodized
- Connection Method: Standard
- Body Style: Straight

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### Typical Performance Data

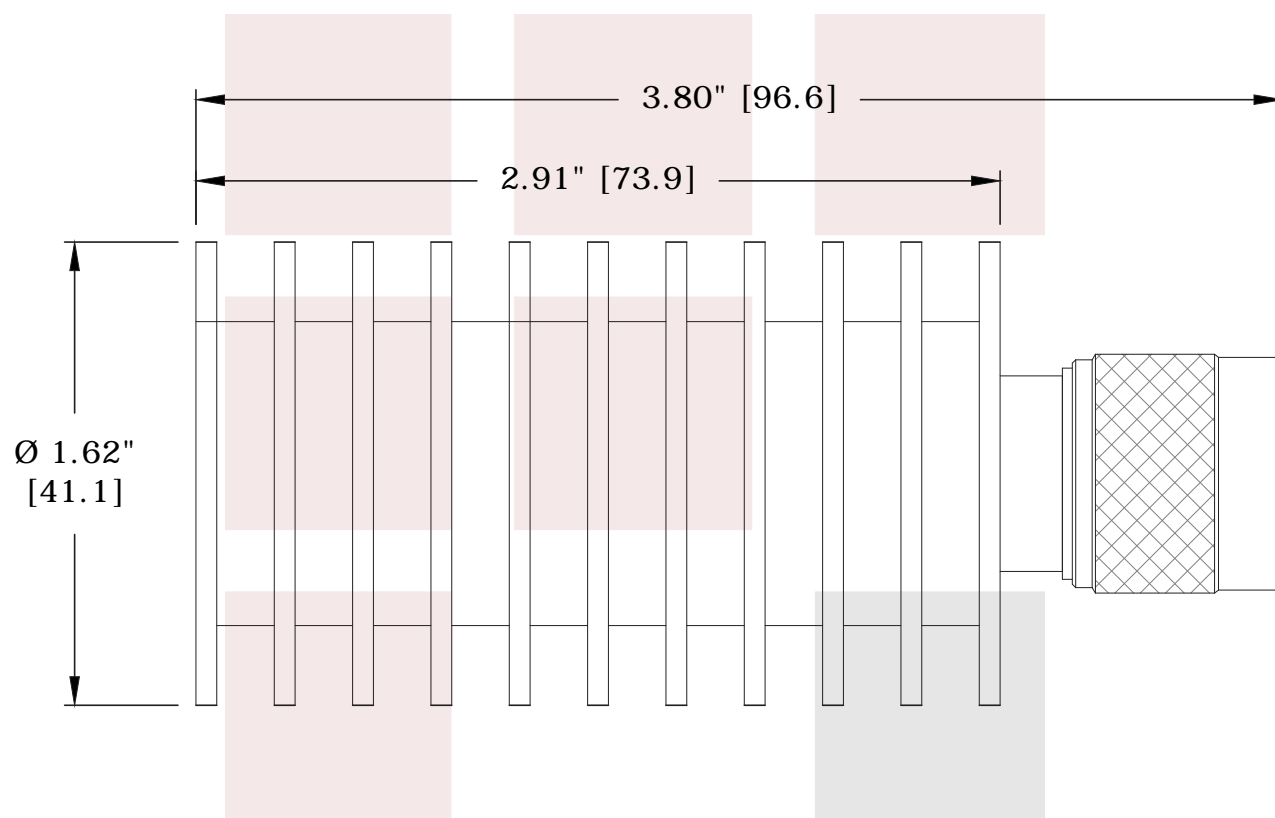


RF Load 50 Watts Medium Power To 8.5 GHz Black Anodized Plated Aluminum Alloy N Male from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [RF Load 50 Watts Medium Power To 8.5 GHz Black Anodized Plated Aluminum Alloy N Male ST8N-50](http://www.fairviewmicrowave.com/rf-load-50-watts-8.5-ghz-n-male-st8n-50-p.aspx)

URL: <http://www.fairviewmicrowave.com/rf-load-50-watts-8.5-ghz-n-male-st8n-50-p.aspx>

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TITLE RF Load 50 Watts Medium Power To 8.5 GHz Black Anodized Plated Aluminum Alloy N Male		DWG NO <b>ST8N-50</b>		CAGE CODE <b>3FKR5</b>		
		CAD FILE 102215	SHEET	SCALE N/A	SIZE A	5568