

**N Male (Plug) Termination (Load) 200 Watts
High Power to 3 GHz, Heatsink Body, 1.25 VSWR,
10 KWatts Peak Power**

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		3	GHz
Impedance		50		Ohms
VSWR			1.25:1	
Passive Intermodulation	-100			dBc
Input Power (CW) derated linearly to 20W at +125°C			200	Watts
Input Power (Peak) 5µs pulse, 2% duty cycle			10	kWatts

Electrical Specification Notes:

Passive intermodulation measured with two 20W signals at 935 MHz and 960 MHz.

Mechanical Specifications
Size

Length	9.65 in [245.11 mm]
Width	3.86 in [98.04 mm]
Height	2.36 in [59.94 mm]
Weight	5.854 lbs [2.66 kg]

Configuration

Connector N Male

Material Specifications

Description	Material	Plating
Connector 1 Contact	Brass	Gold
Body	Brass	Nickel
Coupling Nut	Brass	Nickel
Housing	Black Anodized Aluminum Heatsink	

Environmental Specifications
Temperature

Operating Range -55 to +125 deg C

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

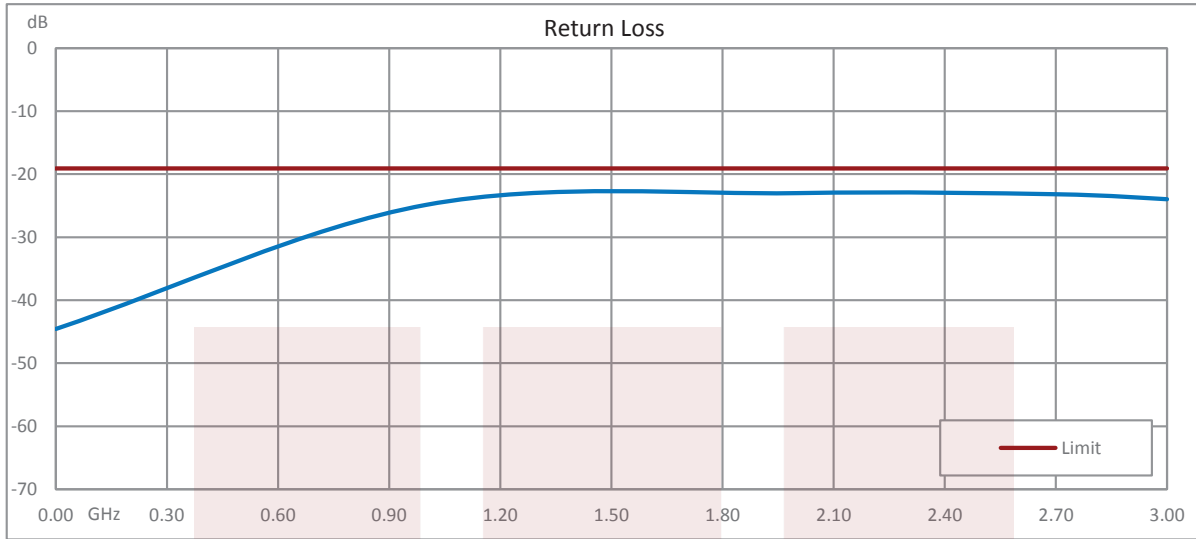
Plotted and Other Data

Notes:



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Typical Performance Data



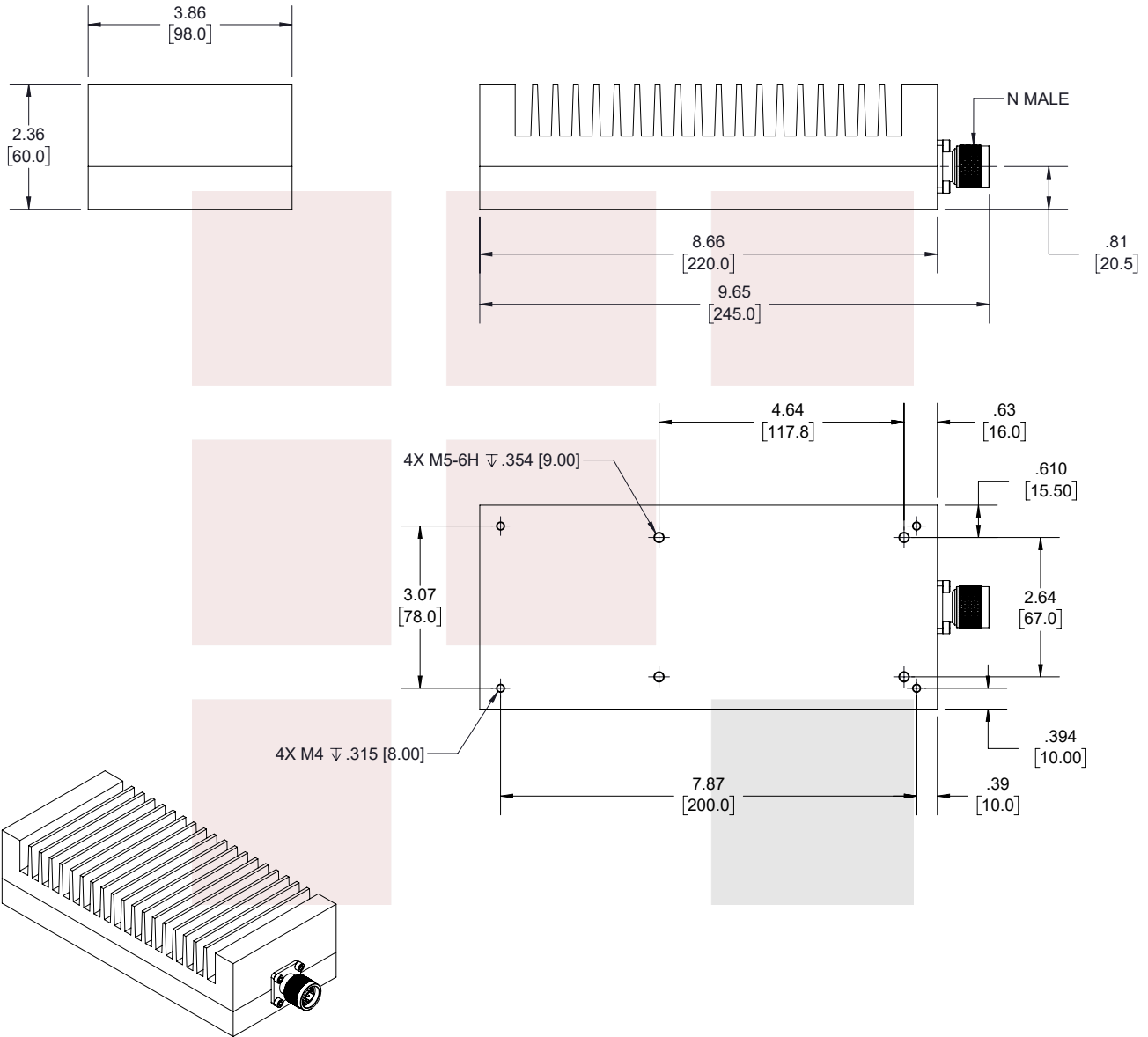
N Male (Plug) Termination (Load) 200 Watts High Power to 3 GHz, Heatsink Body, 1.25 VSWR, 10 KWatts Peak Power from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [N Male \(Plug\) Termination \(Load\) 200 Watts High Power to 3 GHz, Heatsink Body, 1.25 VSWR, 10 KWatts Peak Power ST3N-200](#)

URL: <https://www.fairviewmicrowave.com/rf-load-200-watts-3-ghz-n-male-st3n-200-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR ST3N-200	8/20/2021	S. PONG



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TITLE

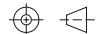
N Male (Plug) Termination (Load) 200 Watts High Power to 3 GHz, Heatsink Body, 1.25 VSWR, 10 KWatts Peak Power

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES: CABLE LENGTH (L) TOLERANCES:

X = ± 2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305] = +1 [25] / -0
.XX = ± 0.02 [51]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524] = +2 [51] / -0
.XXX = ± 0.005 [13]		60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
		120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
		300 [7620] < L = +5%L / -0

THIRD-ANGLE PROJECTION



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY K.Dang	ITEM NO. ST3N-200	REV A
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