

N-Type Male (Plug) Termination (Load) 50 Watts, DC to 6 GHz, Black Anodized Aluminum



FMTR1185

Features

- DC to 6 GHz Frequency Range
- 50 Ohm Impedance
- N-Type Male Coaxial Interface
- Max VSWR 1.3:1
- Max Power 50 Watts (CW)

Applications

- 5G Cellular Bands
- SatCom
- Radar Systems
- Test and Measurement
- Commercial and Military Communication
- DAS Systems

Description

Fairview Microwave's FMTR1185 is an RF termination (also called RF load or dummy load) that operates from DC to 6 GHz and handles up to 50 Watt (CW). Our N-type termination / load has a male gender. FMTR1185 N-type load termination offers 1.3:1 max VSWR.

RF load / terminations are indispensable components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can potentially damage the device or reduce the signal integrity. By using a terminator on an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These termination components are commonly used to terminate devices such as couplers, circulators, and switches. They are also widely used in measurement systems to ensure accurate results. Pasternack offers a huge selection of RF, microwave and millimeter wave terminations up to 65 GHz with excellent performance over the entire operating range and power handling capabilities up to 800 Watt (CW).

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR, Input			1.3:1	
Input Power (CW)			50	Watts

Mechanical Specifications

Size

Length	5.157 in [130.99 mm]
Width	1.969 in [50.01 mm]
Height	1.97 in [50.04 mm]
Weight	1.1025 lbs [500.09 g]
Package Type	Connectorized

Configuration

Connector	N Male
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Material Specifications

Description	Material	Plating
Connector 1 Body	Brass	Tri-Metal
Housing	Black Anodized Aluminum	

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Environmental Specifications

Temperature

Operating Range

-40 to +75 deg C

Ingress Protection (IP) Rating

IP40

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

Plotted and Other Data

Notes:

N-Type Male (Plug) Termination (Load) 50 Watts, DC to 6 GHz, Black Anodized Aluminum 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-Type Male \(Plug\) Termination \(Load\) 50 Watts, DC to 6 GHz, Black Anodized Aluminum FMTR1185](#)

URL: <https://www.fairviewmicrowave.com/rf-load-50-watts-6-ghz-n-male-fmtr1185-p.aspx>

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