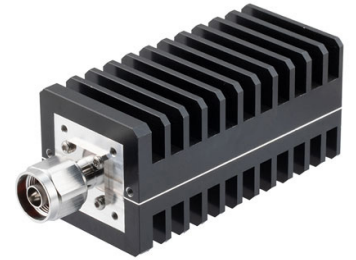


50 Watt RF Load (Termination) Up to 6 GHz With N Male Input Black Anodized Aluminum Body



PE6TR1185

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

Pasternack's PE6TR1185 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. PE6TR1185 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

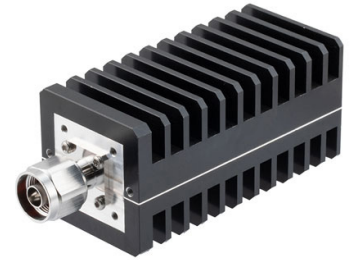
Configuration

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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PE6TR1185

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:

50 Watt RF Load (Termination) Up to 6 GHz With N Male Input Black Anodized Aluminum Body from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [50 Watt RF Load \(Termination\) Up to 6 GHz With N Male Input Black Anodized Aluminum Body PE6TR1185](#)

URL: <https://www.pasternack.com/50-watts-n-male-rf-load-6-ghz-pe6tr1185-p.aspx>

The information contained within 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 to implement improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE6TR1185 CAD Drawing

50 Watt RF Load (Termination) Up to 6 GHz With N Male Input Black Anodized Aluminum Body

