

10 Watt RF Load (Termination) Up to 6 GHz With 4.3-10 Male Input Black Anodized Aluminum Body



PE6TR1182

Features

- DC to 6 GHz Frequency Range
- 50 Ohm Impedance
- 4.3-10 Male Coaxial Interface
- Max VSWR 1.35:1
- Max Power 10 Watts (CW)

Applications

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

Description

Pasternack's PE6TR1182 is an RF termination (also called RF load or dummy load) that operates from DC to 6 GHz and handles up to 10 Watt (CW). Our 4.3-10 termination / load has a male gender. PE6TR1182 4.3-10 load termination offers 1.35:1 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			1.35:1	
Input Power (CW)			10	Watts

Performance by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency Range	DC to 4	4 to 6				GHz
VSWR, Input Max	1.25:1	1.35:1				

Mechanical Specifications

Size

Length	2.205 in [56.01 mm]
Width	1.024 in [26.01 mm]
Height	1.024 in [26.01 mm]
Weight	0.0992 lbs [45 g]
Package Type	Connectorized

Configuration

Connector	4.3-10 Male
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Material Specifications

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

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:

10 Watt RF Load (Termination) Up to 6 GHz With 4.3-10 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: [10 Watt RF Load \(Termination\) Up to 6 GHz With 4.3-10 Male Input Black Anodized Aluminum Body PE6TR1182](#)

URL: <https://www.pasternack.com/10-watts-4.3-10-male-rf-load-6-ghz-pe6tr1182-p.aspx>

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PE6TR1182 CAD Drawing

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