

4.3-10 Male (Plug) Termination (Load) 10 Watts,
DC to 6 GHz, Black Anodized Aluminum



FMTR1182

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

Fairview Microwave's FMTR1182 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. FMTR1182 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 - 4 | 4 - 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:

4.3-10 Male (Plug) Termination (Load) 10 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: [4.3-10 Male \(Plug\) Termination \(Load\) 10 Watts, DC to 6 GHz, Black Anodized Aluminum FMTR1182](#)

URL: <https://www.fairviewmicrowave.com/rf-load-10-watts-6-ghz-4.3-10-male-fmtr1182-p.aspx>

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FMTR1182 CAD Drawing

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