

## WR-187 Waveguide Termination 70 Watts with a 4.4 GHz to 5 GHz Frequency Range, Brass with CPR-187F Flange

The FMW187TR1001 is a WR-187 waveguide termination/load that operates in the frequency range of 4.4 GHz to 5 GHz. This WR-187 waveguide termination has a Max VSWR of 1.1:1. This waveguide termination design is made of painted brass and incorporates a CPR-187F flange. In addition to waveguide termination product line, Fairview Microwave also offers a wide range of waveguide products which are available in stock and ready for same-day shipment.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	4.4		5	GHz
VSWR			1.1:1	
Input Power (CW)			70	Watts

### Mechanical Specifications

#### Size

Length	3.15 in [80.01 mm]
Width/Dia.	2.5 in [63.5 mm]
Height	3.5 in [88.9 mm]
Weight	0.53 lbs [240.4 g]

Description	Flange	Waveguide
Designation		WR-187
Type	CPR-187F	
Material	Brass	Brass
Plating	Passivated	Passivated
Finish		Grey paint

### Environmental Specifications

#### Temperature

Operating Range	-40 to +70 deg C
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**Compliance Certifications** (see [product page](#) for current document)

### Plotted and Other Data

Notes:



### Features:

- WR-187 Waveguide
- Operating Frequency Range from 4.4 GHz to 5 GHz
- CPR-187F Flange
- 1.1:1 Max VSWR
- 70 Watts Average Power Handling

### Applications:

- Radar Systems
- Military and Space
- Wireless Radio Systems
- Telecom Infrastructure
- Communication Systems
- R&D Labs
- Microwave Radio Systems

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WR-187 Waveguide Termination 70 Watts with a 4.4 GHz to 5 GHz Frequency Range, Brass with CPR-187F Flange 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: [WR-187 Waveguide Termination 70 Watts with a 4.4 GHz to 5 GHz Frequency Range, Brass with CPR-187F Flange FMW187TR1001](#)

URL: <https://www.fairviewmicrowave.com/wr-187-waveguide-termination-70-watts-instrumentation-grade-4.4-5-ghz-fmw187tr1001-p.aspx>

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