

### 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	Тур	Мах	Units
Frequency Range	4.4		5	GHz
VSWR			1.1:1	
Input Power (CW)			70	Watts

#### **Mechanical Specifications**

Designation		WR-187				
Description	Flange	Waveguide				
Weight	0.53 lk	bs [240.4 g]				
Height	3.5 in	[88.9 mm]				
Width/Dia.	2.5 in	2.5 in [63.5 mm]				
Length	3.15 ir	n [80.01 mm]				
Size						

CPR-187F		
Brass	Brass	
Passivated	Passivated	
	Grey paint	
	Brass	Brass      Brass        Passivated      Passivated

#### **Environmental Specifications**

**Temperature** Operating Range

-40 to +70 deg C

Compliance Certifications (see product page for current document)

#### **Plotted and Other Data**

Notes:

# FMW187TR1001 DATA SHEET



## 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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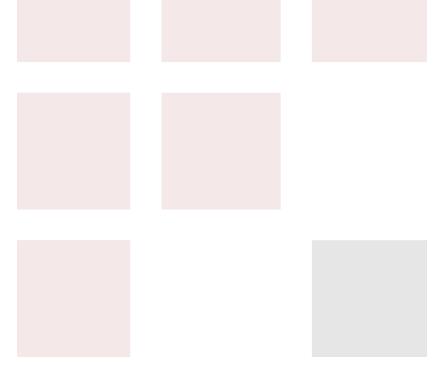


WR-187 Waveguide Termination 70 Watts with a 4.4 GHz to 5 GHz Frequency Range, Brass with CPR-187F Flange from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. 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

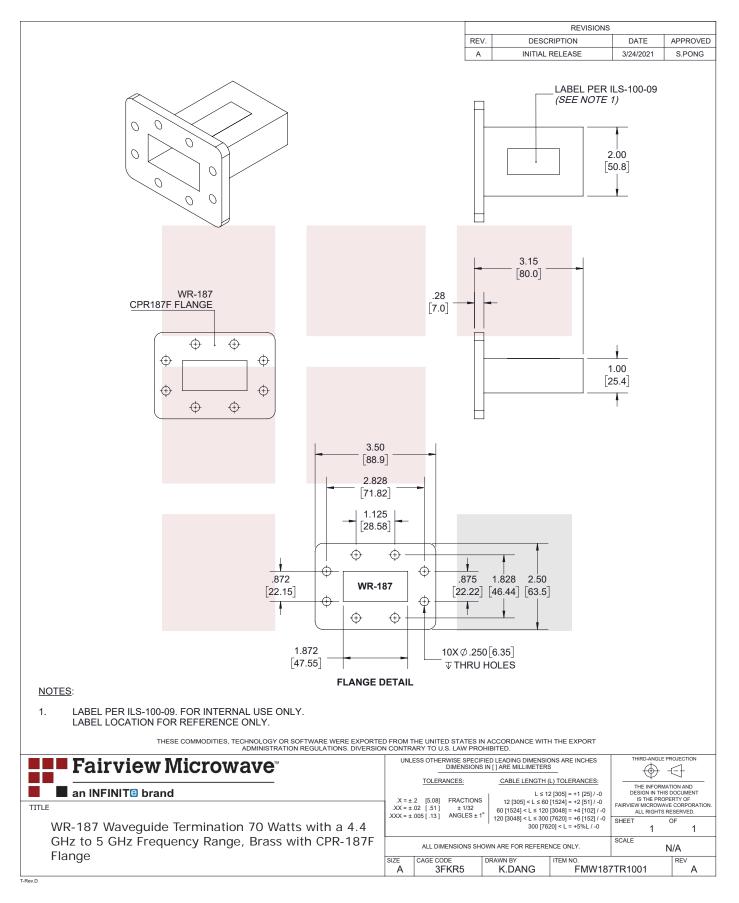
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