

**Commercial Grade WR-34 Waveguide Termination  
 1 Watt With a 22 GHz to 33 GHz Frequency Range**

The FMWTR1001 is a WR-34 waveguide termination / load that operates in the frequency range of 22 GHz to 33 GHz. This WR-34 waveguide termination has a typical VSWR of 1.25:1. These waveguide termination designs are made of painted brass copper and incorporate a standard UG-1530/U Square Cover flanges.

Fairview Microwave waveguide terminations / loads are designed so virtually all applied power is absorbed, thus assuring a low VSWR. The power rating on this WR-34 termination is 1 watt, other detailed specifications and a diagram drawing can be found on this datasheet PDF below. Fairview Microwave offers a complete family of waveguide terminations that are in-stock for same day shipment.

**Electrical Specifications**

Description	Min	Typ	Max	Units
Frequency Range	22		33	GHz
VSWR		1.25:1		
Input Power (CW)			1	Watts

**Mechanical Specifications**

Weight	0.101 lbs [45.81 g]	
Description	Flange	Waveguide
Designation	UG-1530/U	WR-34
Type	Square Cover	
Material	Brass	Brass

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:



**Features:**

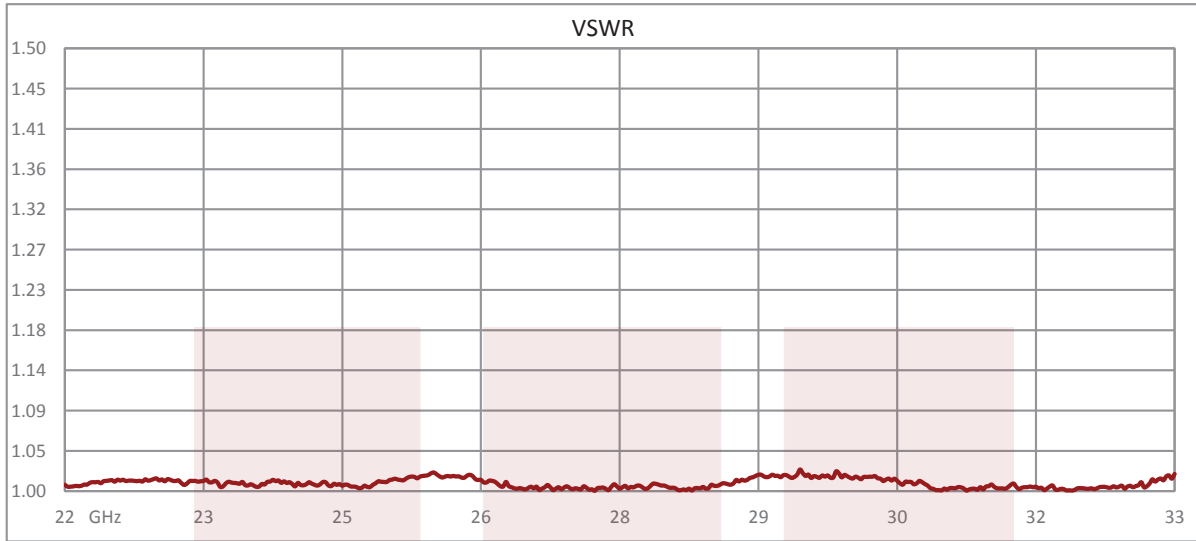
- WR-34
- 22 GHz to 33 GHz
- UG-1530/U Square Cover Flange
- 1.25:1 Typical VSWR
- 1 Watt Average Power Handling

**Applications:**

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

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**Typical Performance Data**

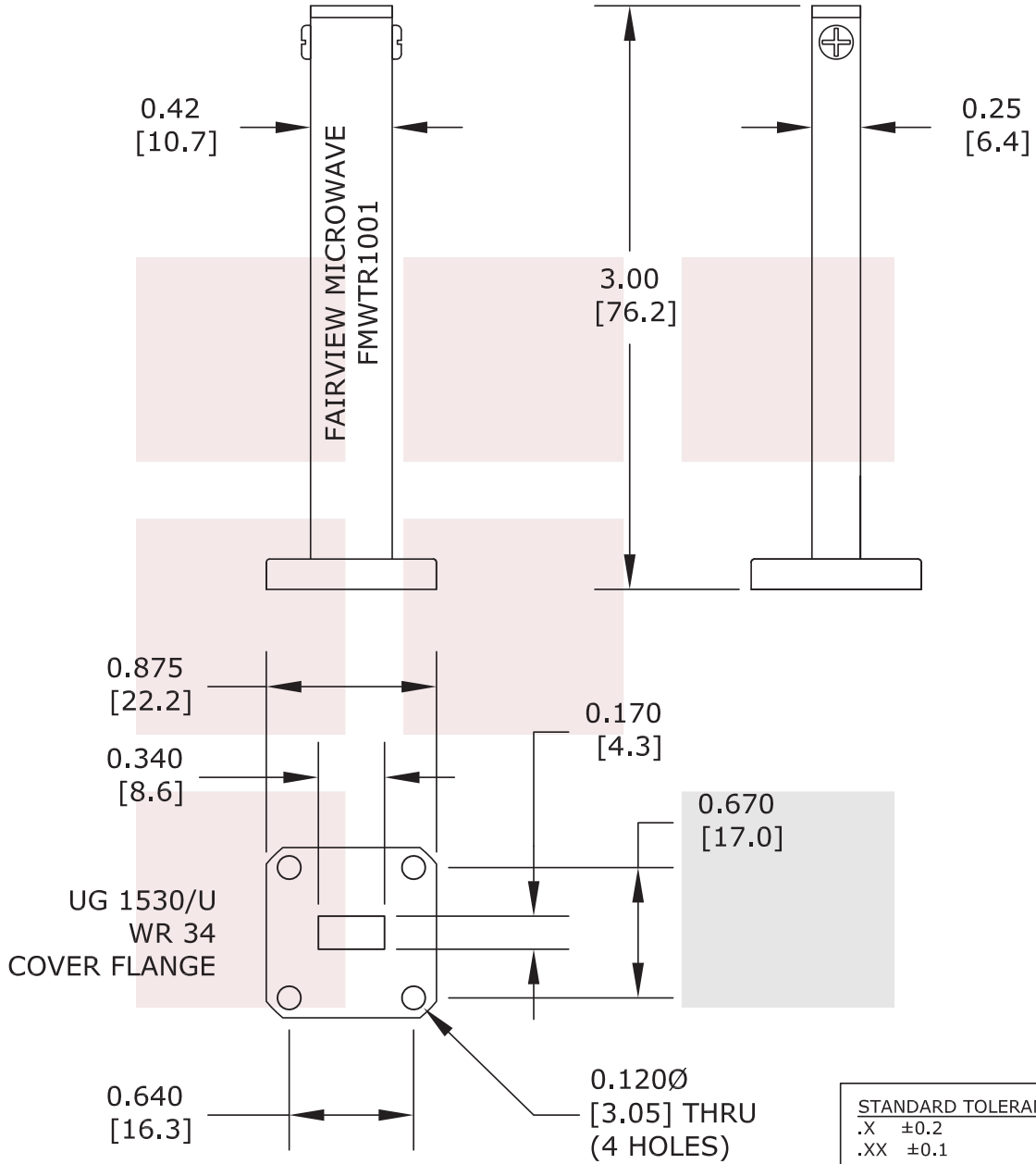


Commercial Grade WR-34 Waveguide Termination 1 Watt With a 22 GHz to 33 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Commercial Grade WR-34 Waveguide Termination 1 Watt With a 22 GHz to 33 GHz Frequency Range FMWTR1001](https://www.fairviewmicrowave.com/wr-34-waveguide-termination-1-watts-commercial-grade-22-33-ghz-fm-wtr1001-p.aspx)

URL: <https://www.fairviewmicrowave.com/wr-34-waveguide-termination-1-watts-commercial-grade-22-33-ghz-fm-wtr1001-p.aspx>

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STANDARD TOLERANCES	
.X	±0.2
.XX	±0.1
.XXX	±0.05

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE Commercial Grade WR-34 Waveguide Termination 1 Watt With a 22 GHz to 33 GHz Frequency Range		DWG NO FMWTR1001		CAGE CODE 3FKR5	
CAD FILE	010317	SHEET	SCALE	N/A	SIZE A 2233