

**Commercial Grade WR-28 Waveguide Termination
 0.5 Watts With a 26.5 GHz to 40 GHz Frequency
 Range**

The FMWTR1000 is a WR-28 waveguide termination / load that operates in the frequency range of 26.5 GHz to 40 GHz. This WR-28 waveguide termination has a typical VSWR of 1.02:1. These waveguide termination designs are made of painted brass copper and incorporate a standard UG-599/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-28 termination is .5 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	26.5		40	GHz
VSWR		1.02:1		
Input Power (CW)			0.5	Watts

Mechanical Specifications

Weight	0.071 lbs [32.21 g]	
Description	Flange	Waveguide
Designation	UG-599/U	WR-28
Type	Square Cover	
Material	Brass	Brass

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

Plotted and Other Data

Notes:



Features:

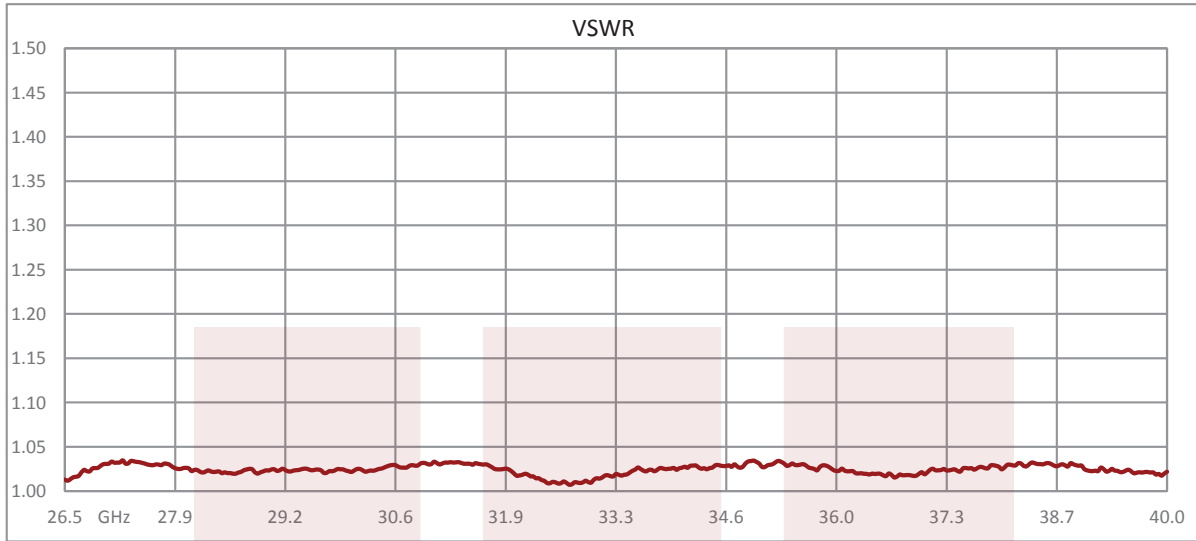
- WR-28
- 26.5 GHz to 40 GHz
- UG-599/U Square Cover Flange
- 1.02:1 Typical VSWR
- .5 Watt Average Power Handling

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

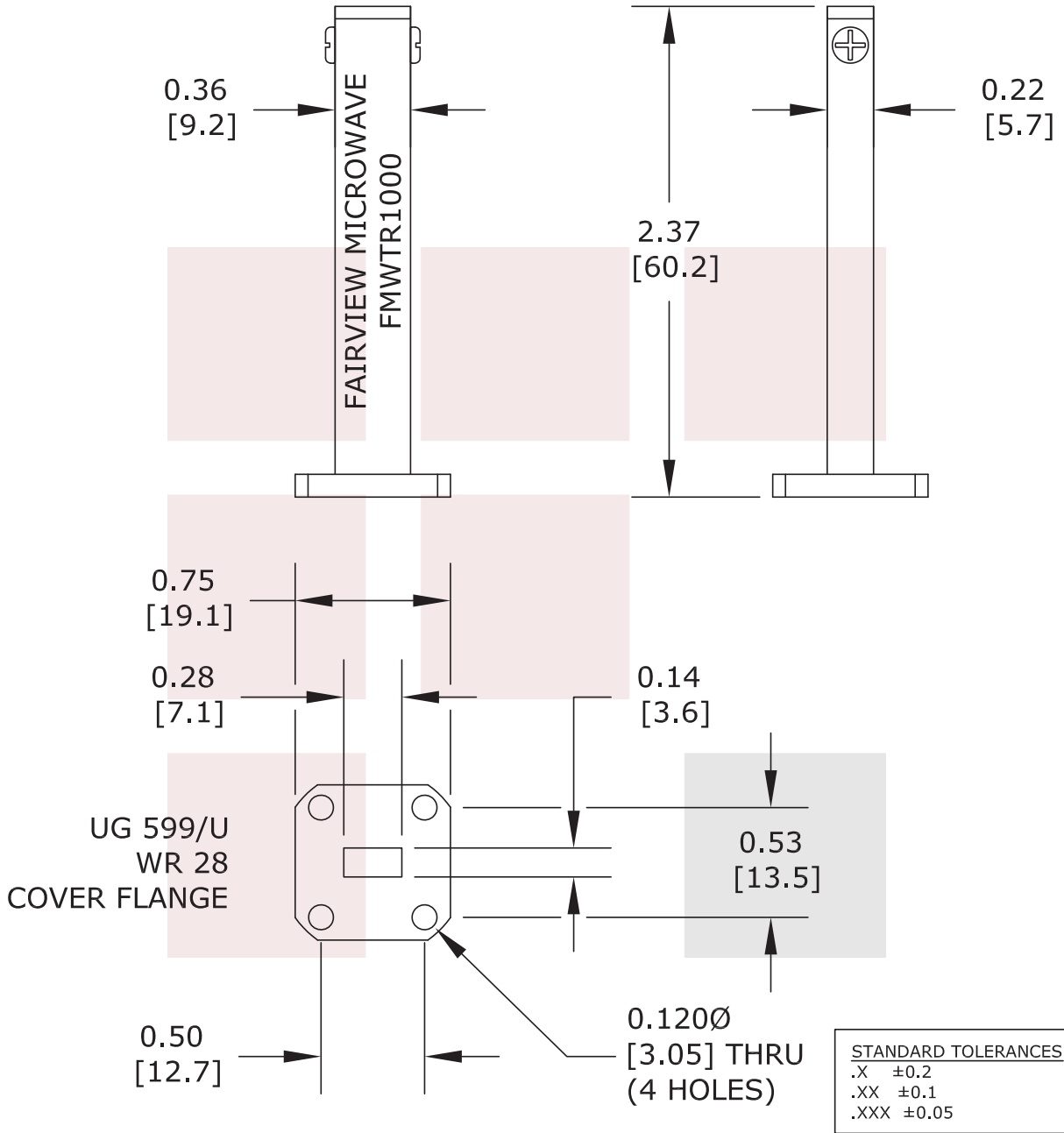


Commercial Grade WR-28 Waveguide Termination 0.5 Watts With a 26.5 GHz to 40 GHz Frequency Range from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Commercial Grade WR-28 Waveguide Termination 0.5 Watts With a 26.5 GHz to 40 GHz Frequency Range FMWTR1000](https://www.fairviewmicrowave.com/wr-28-waveguide-termination-0.5-watts-commercial-grade-26.5-40-ghz-fmwtr1000-p.aspx)

URL: <https://www.fairviewmicrowave.com/wr-28-waveguide-termination-0.5-watts-commercial-grade-26.5-40-ghz-fmwtr1000-p.aspx>

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TITLE Commercial Grade WR-28 Waveguide Termination 0.5 Watts With a 26.5 GHz to 40 GHz Frequency Range		DWG NO FMWTR1000		CAGE CODE 3FKR5	
CAD FILE	010617	SHEET		SCALE	N/A
		SIZE	A		2233