

WR-28 to WR-42 Waveguide Transition 2 Inch Length Using UG-599/U to UG-595/U Flange

The SMW28TS42001A is part of Fairview's family of Waveguide Transitions (also sometimes called waveguide adapters) used as a means of propagating RF/ Microwave energy from one waveguide size to another. The SMW28TS42001A allows the waveguide to change from a WR-28 waveguide (using a UG-599/U flange) to a WR-42 waveguide (using a UG-595/U flange.) The waveguide body has a plated gold finish.

Electrical Specifications

Description	Min	Тур	Max	Units
Frequency Range	18		26.5	GHz
VSWR			1.1:1	
Insertion Loss		0.6		dB

Mechanical Specifications

Weight		0.1675 lbs [75.98 g]]	
Description	Flan	ge 1	W	aveg	uide	Flange	e 2
Designation	UG-5	99/U	WR	-42 to	WR-28	UG-595	5/U
Flange Type	Square	e Cover				Square C	over
Material	Bra	ass		Bras	ŝS	Brass	5
Plating	Go	old		Gol	d	Gold	
Plating Spec.	ASTMB488		ASTMB488		ASTMB488		
Finish	Go	Gold		Gold		Gold	

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

- Typical VSWR/Return Loss data taken with load.
- Typical insertion loss data taken for two parts in series. The WR-42 flanges are connected together and the WR-28 flanges are connected to the test equipment.

SMW28TS42001A DATA SHEET



Features:

- WR-28 to WR-42 waveguide
- WR-28 waveguide UG-599/U flange
- WR-42 waveguide UG-595/U flange
- Gold plated finish
- Precision manufactured

Applications:

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

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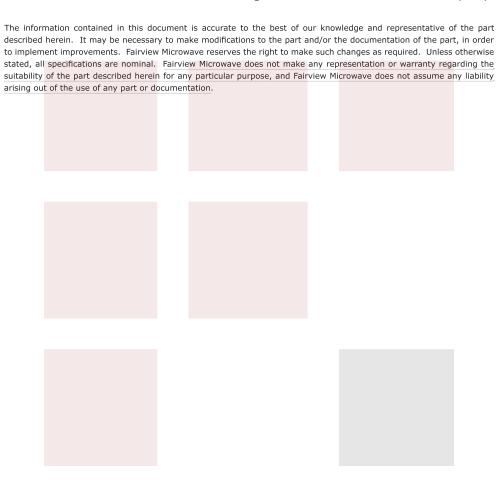




WR-28 to WR-42 Waveguide Transition 2 Inch Length Using UG-599/U to UG-595/U Flange from Fairview Microwave is instock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: WR-28 to WR-42 Waveguide Transition 2 Inch Length Using UG-599/U to UG-595/U Flange SMW28TS42001A

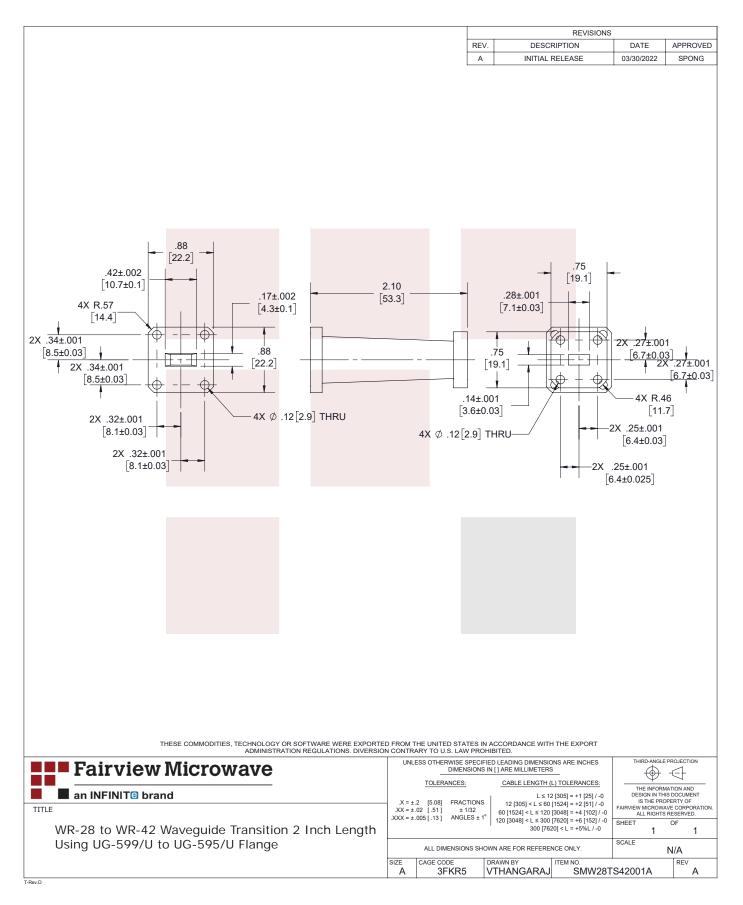
URL: https://www.fairviewmicrowave.com/wr-28-wr-42-waveguide-transition-smw28ts42001a-p.aspx



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