

FMWAD5005 DATA SHEET

WR-28 Waveguide Bulkhead Adapter Using UG-599/U Square Cover Flange and Operating from 26.5 GHz to 40 GHz

The Fairview Microwave series of rectangular waveguide bulkhead flange mount adapters are offered to cover frequency range of 18 to 110 GHz in seven waveguide bands. The transitions are used for waveguide interface in panel mount equipment. A hole is made in the panel and the adapter is mounted to the panel with screws. Once mounted, waveguides with UG-599/U flanges can be attached to the adapter on both sides of the bulkhead adapter to allow a signal path through the panel. The FMWAD5005 is a bulkhead adapter for WR-28 waveguides with UG-599 flanges.

Electrical Specifications

Description	Min	Тур	Max	Units
Frequency Range	26.5		40	GHz

Mechanical Specifications

Weight 0.141 lbs [63.96 g]

Description	Flange 1	Waveguide	Flange 2
Туре	Square Cover	WR-28	Square Cover
Designation	UG-599/U		UG-599/U
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold
Plating Spec.	ASTMB488	ASTMB488	ASTMB488

Compliance Certifications (visit www.FairviewMicrowave.com for current

document)

RoHS Compliant Yes

REACH Compliant 12/17/2015

Plotted and Other Data

Notes:



Features:

- Bulkhead adapter for WR-28
- Mounted to the panel with screws
- · Gold Plated Finish
- Precision manufactured
- Flanges grooved to receive gaskets

Applications:

- Test Instrumentation
- Sub-Assemblies
- · Military and Space
- R&D labs
- Communications Systems

Fairview Microwave 1130 Junction Dr. #100 Allen, TX 75013 Tel: 1-800-715-4396 / (972) 649-6678

Fax: (972) 649-6689 www.fairviewmicrowave.com sales@fairviewmicrowave.com





WR-28 Waveguide Bulkhead Adapter Using UG-599/U Square Cover Flange and Operating from 26.5 GHz to 40 GHz 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.

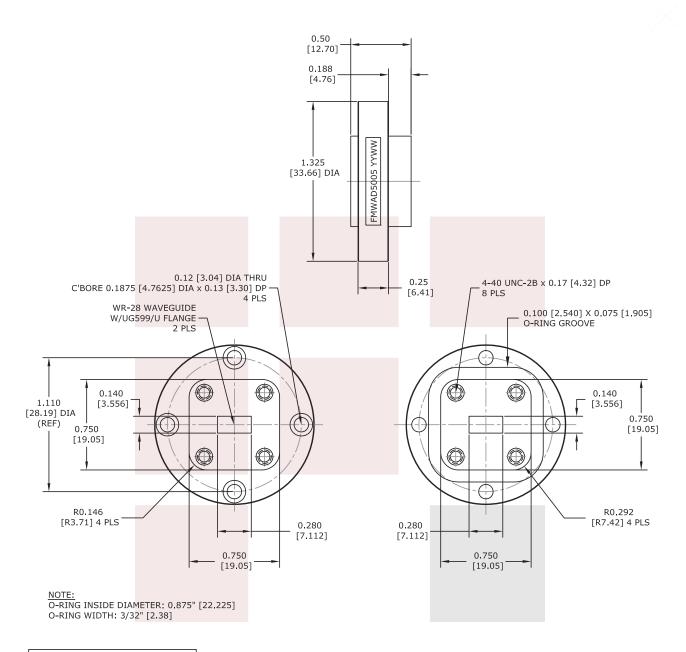
For additional information on this product, please click the following link: WR-28 Waveguide Bulkhead Adapter Using UG-599/U Square Cover Flange and Operating from 26.5 GHz to 40 GHz FMWAD5005

URL: https://www.fairviewmicrowave.com/wr-28-waveguide-bulkhead-adapter-ug599-square-40-ghz-fmwad5005-p.aspx









UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN: Inches [mm] TOLERANCES ARE: DECIMALS ANGLES FRACTIONS .XX \pm .01 \pm 1/2° \pm 1/64 \pm 1.25] .XXX \pm .005 \pm 1.27]

^{*} THESE DIMENSIONS AND TOLERANCES SUPERSEDE NOTE #1 ON TITLE BLOCK.

FAIRVIEW MICROWAVE INC. ALLEN, TX 75013 WWW.FAIRVIEWMICROWAVE.COM	NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].					
WR-28 Waveguide Bulkhead Adapter Using UG-599/U Square Cover Flange and Operating from 26.5 GHz to 40 GHz	FMWAD5005			CAGE CODE 3FKR5		
	CAD FILE 042616	SHEET	SCALE	≣ N/A	SIZE A	2233