

**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	Typ	Max	Units
Frequency Range	26.5		40	GHz

**Mechanical Specifications**

Weight 0.141 lbs [63.96 g]

Description	Flange 1	Waveguide	Flange 2
Type	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](http://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

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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](https://www.fairviewmicrowave.com/wr-28-waveguide-bulkhead-adapter-ug599-square-40-ghz-fmwad5005)

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