

## 30 dB Waveguide Fixed Attenuator, WR-22 with UG-383/U Cover Flange, Max Power 4W

FMWAT1008-30 is a WR-22 waveguide attenuator with 30 dB attenuation, operating in the 33 to 50 GHz frequency range. With typical VSWR performance of 1.15:1, the attenuator uses an UG-383/U cover flange that is made of gold plated aluminum. Fairview Microwave offers standard mid-band tuned Waveguide fixed attenuators with attenuation values from 3 to 30 dB. In addition to waveguide fixed attenuator product line, Fairview Microwave also offers a wide range of waveguide products which are available in stock and ready for same-day shipment.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	33		50	GHz
Attenuation		30		dB
VSWR		1.15:1		
Input Power (Peak)			4	Watts

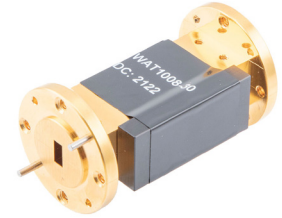
### Mechanical Specifications

#### Size

Length  
Width

2 in [50.8 mm]  
0.224 in [5.69 mm]

Description	Flange 1	Waveguide	Flange 2
Interface	UG-383/U	WR-22	UG-383/U
Material	Aluminum	Aluminum	Aluminum
Plating	Gold	Gold	Gold



### Features:

- WR-22 Waveguide
- Typical attenuation level: 30 dB
- Operating Frequency Range from 33 GHz to 50 GHz
- UG-383/U cover Flanges
- 1.15:1 Typ. VSWR
- 4.0 Watts (CW) Max Power Handling.

### Applications:

- Instrumentation
- Research and development
- System calibration
- Test benches

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

**Plotted and Other Data**

Notes:

30 dB Waveguide Fixed Attenuator, WR-22 with UG-383/U Cover Flange, Max Power 4W 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 Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [30 dB Waveguide Fixed Attenuator, WR-22 with UG-383/U Cover Flange, Max Power 4W FMWAT1008-30](#)

URL: <https://www.fairviewmicrowave.com/wr-22-waveguide-attenuator-fixed-50ghz-fmwat1008-30-p.aspx>

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