

## WR-19 Waveguide Attenuator Fixed 30 dB Operating From 40 GHz to 60 GHz, UG-383/U-Mod Round Cover Flange

FMWAT1003-30 is a WR-19 waveguide attenuator with 30 dB fixed attenuation, operating in the 40 to 60 GHz (U band) frequency range. The attenuator uses an UG-383/U-Mod Round Cover flange that is Gold Plated Brass.

Fairview offers standard mid-band tuned Waveguide Fixed Attenuators with attenuation values of 1 to 30 dB in 1dB steps. Better attenuation flatness and accuracy can be achieved with additional tuning within a narrow band upon request.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	40		60	GHz
Nominal Attenuation		30		dB

### Mechanical Specifications

Description	Flange 1	Waveguide	Flange 2
Interface	UG-383/U-Mod	WR-19	UG-383/U-Mod
Material	Brass	Brass	Brass
Plating	Gold	Gold	Gold



### Features:

- WR-19
- 40 to 60 GHz
- 30 dB fixed attenuation at center frequency
- UG-383/U-Mod Round Cover Flange
- Gold Plated Brass

### Applications:

- Instrumentation
- System Calibration
- Research and Development
- Test Benches

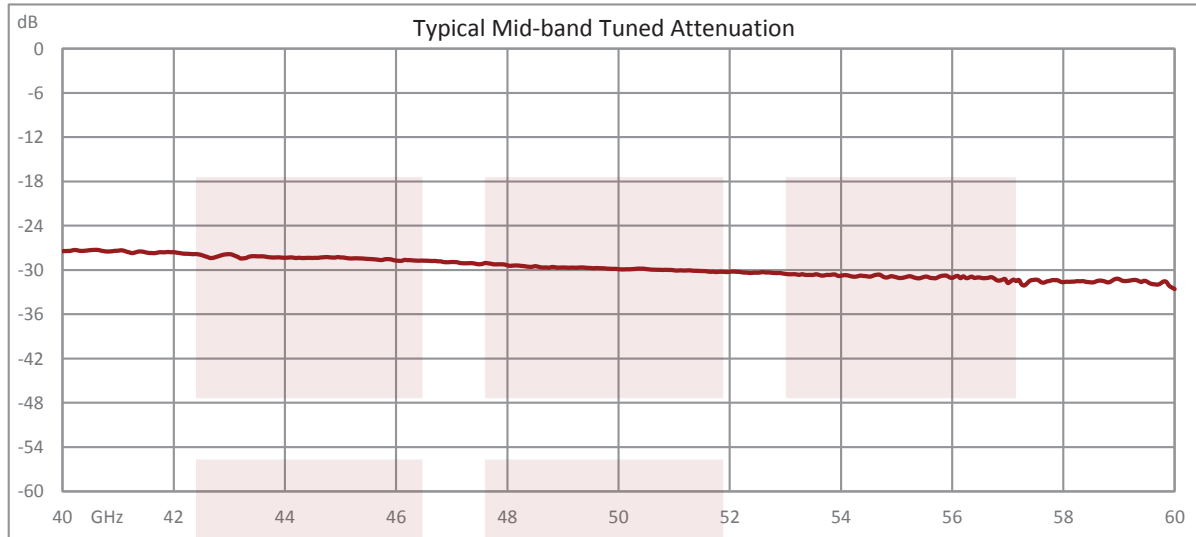
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Notes:

**Typical Performance Data**

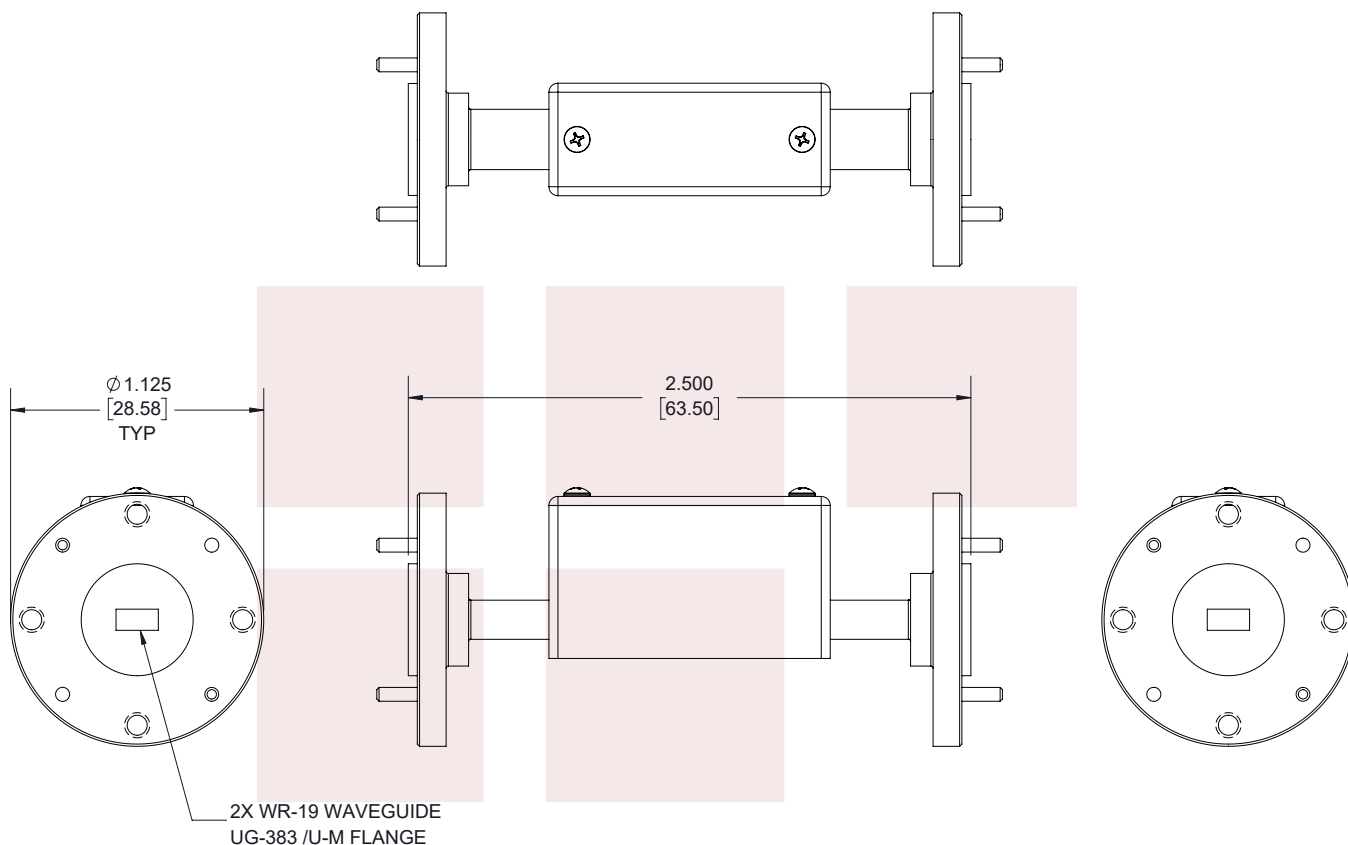


WR-19 Waveguide Attenuator Fixed 30 dB Operating From 40 GHz to 60 GHz, UG-383/U-Mod Round Cover Flange from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [WR-19 Waveguide Attenuator Fixed 30 dB Operating From 40 GHz to 60 GHz, UG-383/U-Mod Round Cover Flange FMWAT1003-30](#)

URL: <https://www.fairviewmicrowave.com/wr-19-waveguide-attenuator-fixed-30db-60ghz-fmwat1003-30-p.aspx>

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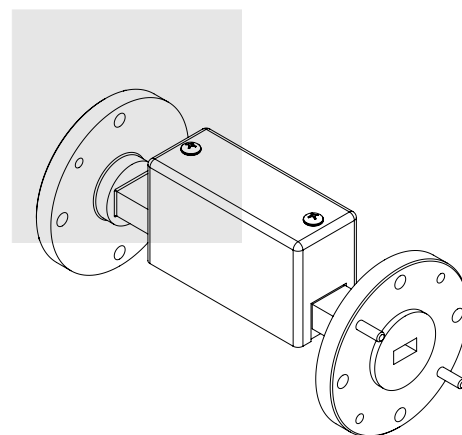
LABEL:

**FAIRVIEW MICROWAVE**  
www.FAIRVIEWMICROWAVE.com  
**FMWAT1003-30**

**STANDARD TOLERANCES**

.X ±0.2  
.XX ±0.01  
.XXX ±0.005

\*STANDARD TOLERANCES APPLY  
ONLY TO DIMENSIONS IN INCHES



**FAIRVIEW MICROWAVE INC.**

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**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].

**TITLE**

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From 40 GHz to 60 GHz, UG-383/U-Mod Round Cover  
Flange

**DWG NO**

FMWAT1003-30

**CAGE CODE**

3FKR5

CAD FILE

101317

SHEET

1 OF 1

SCALE N/A

SIZE A

7361