

**0 to 30 dB WR-22 Waveguide Continuously Variable Attenuator From 33 GHz To 50 GHz Dial And UG-383/U Flange**

**Electrical Specifications\***

Description	Min	Typ	Max	Units
Frequency Range	33		50	GHz
Impedance		50		Ohms
Typical Attenuation Value	0		30	dB
Insertion Loss			0.5	dB

Values at 25°C, sea level

**Mechanical Specifications**

**Flange 1**

Interface	UG-383/U
Material	Copper
Plating	Gold
Color	Gold

**Waveguide**

Interface	WR-22
Material	Copper
Plating	Gold
Color	Gold

**Flange 2**

Interface	UG-383/U
Material	Copper
Plating	Gold
Color	Gold

**Size**

Length	2.5 in [[63.5 mm]]
Width	1.125 in [[28.58 mm]]
Height	2.5625 in [[65.09 mm]]

**Compliance Certifications** (visit [www.FairviewMicrowave.com](http://www.FairviewMicrowave.com) for current document)

RoHS Compliant	Yes
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**Plotted and Other Data**

Notes:

- Values at 25 °C, sea level

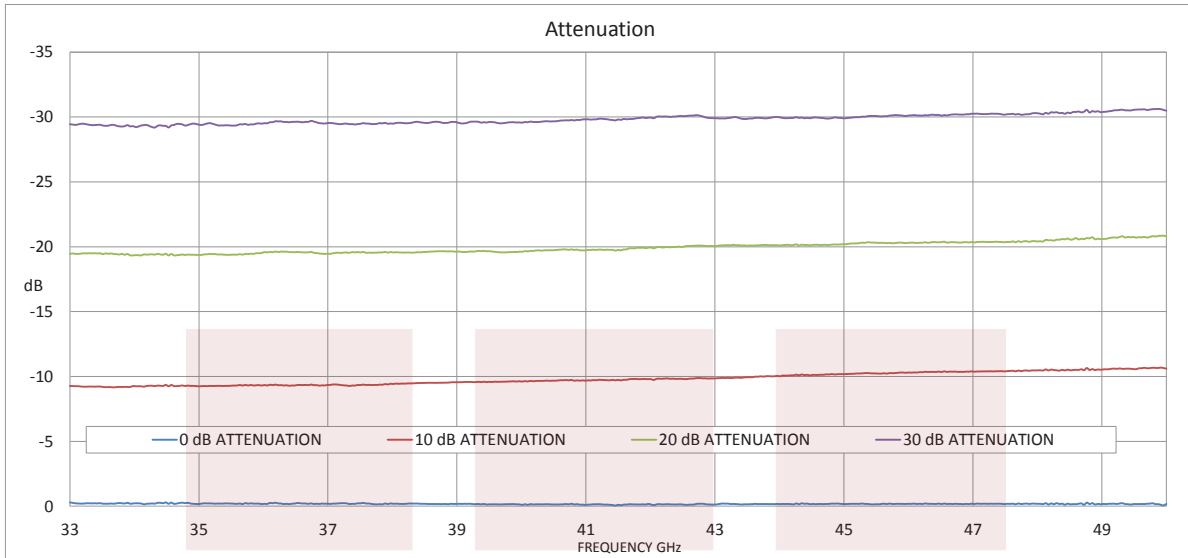


**Features:**

- Design: Continuously Variable Attenuator
- Waveguide: WR-22
- Flange: UG-383/U
- Body Material and Plating: Copper, Gold

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**Typical Performance Data**

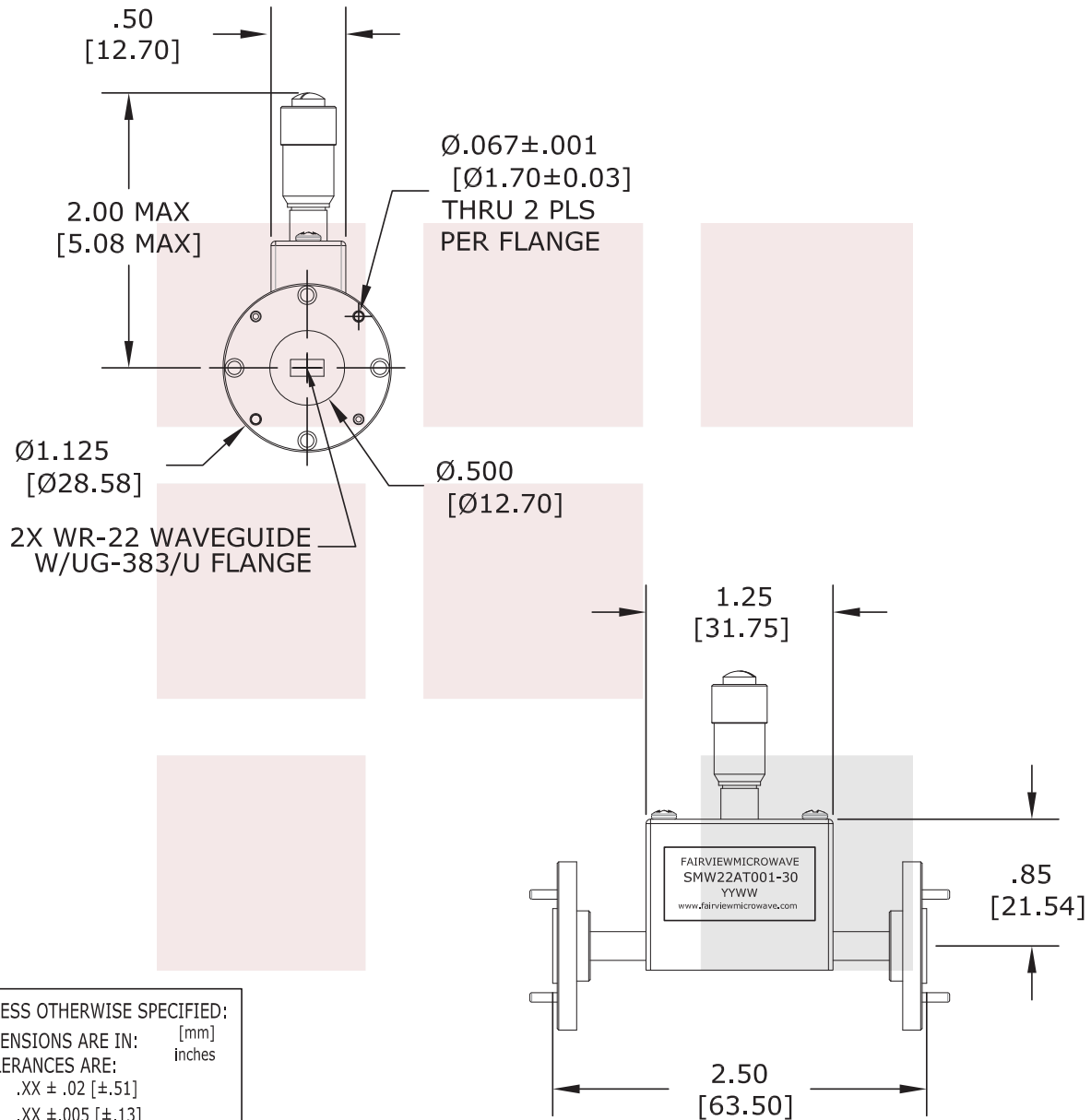


0 to 30 dB WR-22 Waveguide Continuously Variable Attenuator From 33 GHz To 50 GHz Dial And UG-383/U Flange from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Allen, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [0 to 30 dB WR-22 Waveguide Continuously Variable Attenuator From 33 GHz To 50 GHz Dial And UG-383/U Flange SMW22AT001-30](#)

URL: <http://www.fairviewmicrowave.com/30-db-wr-22-waveguide-step-attenuator-50-ghz-smw22at001-30-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN: [mm]  
 TOLERANCES ARE: inches  
 .XX ± .02 [±.51]  
 .XX ± .005 [±.13]

\* THESE DIMENSIONS AND TOLERANCES  
 SUPERSEDE NOTE #1 ON TITLE BLOCK.

<b>FAIRVIEW MICROWAVE INC.</b> 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].			
TITLE 0 to 30 dB WR-22 Waveguide Continuously Variable Attenuator From 33 GHz To 50 GHz Dial And UG-383/U Flange		DWG NO SMW22AT001-30		CAGE CODE 3FKR5	
CAD FILE	032315	SHEET	SCALE	N/A	SIZE A 200