

## WR-12 Waveguide Section 2 Inch Length Using UG-387/U Round Cover Flange from 60 GHz to 90 GHz in Brass

Fairview Microwave's FMW12S001-2 is a 2 inch WR-12 straight waveguide section that operates from 60 GHz to 90 GHz. This straight waveguide section offers a maximum 1.1:1 VSWR. The input of this straight waveguide section has a UG-387/U Cover Flange. FMW12S001-2 is part of over 40,000 RF, microwave and millimeter wave components. WR-12 straight waveguide section will ship worldwide the same day it is purchased along with our other RF components.

### Electrical Specifications\*

Description	Min	Typ	Max	Units
Frequency Range	60		90	GHz
VSWR			1.1:1	
Insertion Loss Max			0.3	dB

\* Values at 25°C, sea level

### Mechanical Specifications

Waveguide Size	WR-12
Section Length	3.94 in [100.08 mm]
<b>Flange 1</b>	
Flange Type	UG Cover
Flange Designation	UG-387/U
Material	Brass
<b>Waveguide</b>	
Interface	WR-12
Material	Brass
Plating	Gold
<b>Flange 2</b>	
Flange Type	UG Cover
Flange Designation	UG-387/U
Material	Brass
<b>Size</b>	
Weight	0.07 lbs [31.75 g]

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

### Plotted and Other Data

Notes:

- Values at 25 °C, sea level



### Features:

- WR-12 Waveguide Section
- UG-387/U Cover Flange
- Frequency Range 60 GHz to 90 GHz
- 2 inch length
- Maximum VSWR 1.1:1
- Metrology grade for VNA calibration

### Applications:

- Transmission Systems
- Test and Laboratory Setups
- VNA Calibration

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WR-12 Waveguide Section 2 Inch Length Using UG-387/U Round Cover Flange from 60 GHz to 90 GHz in Brass 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: [WR-12 Waveguide Section 2 Inch Length Using UG-387/U Round Cover Flange from 60 GHz to 90 GHz in Brass FMW12S001-2](#)

URL: <https://www.fairviewmicrowave.com/wr-12-waveguide-section-straight-ug387-ug-fmw12s001-2-p.aspx>

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