

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



FMW12S001-2

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

Description

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	Minimum	Typical	Maximum	Units
Frequency Range	60		90	GHz
VSWR			1.1:1	
Insertion Loss		0.3		dB

Mechanical Specifications

Waveguide Size	WR-12
Section Length	2 in [50.8 mm]

Description	Flange 1	Waveguide	Flange 2
Flange Type	UG Cover		UG Cover
Flange Designation	UG-387/U	WR-12	UG-387/U
Material	Brass	Brass	Brass
Plating		Gold	
Color	Gold	Gold	Gold

Size	
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

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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](https://www.fairviewmicrowave.com/wr-12-waveguide-section-straight-ug387-ug-fmw12s001-2-p.aspx)

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