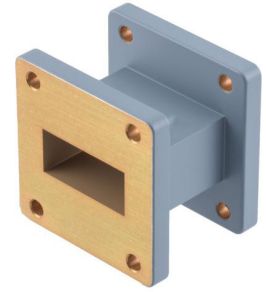


## WR-112 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 7.05 GHz to 10 GHz in Aluminum



### FMW112S001-1.5

#### Features

- WR-112 Waveguide Section
- UG Cover Flanges
- Frequency Range 7.05 GHz to 10 GHz 1.5 inch length
- Maximum VSWR 1.1:1

#### Applications

- Transmission Systems
- Test and Laboratory Setups

#### Description

Fairview Microwave's FMW112S001-1.5 is a 1.5 inch WR-112 straight waveguide section that operates from 7.05 GHz to 10 GHz. This straight waveguide section offers a maximum 1.1:1 VSWR. The input and output of this straight waveguide section is a UG Cover Flange. FMW112S001-1.5 is part of over 40,000 RF, microwave and millimeter wave components. WR-112 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	7.05		10	GHz
VSWR		1.1:1		
Insertion Loss		0.2		dB

#### Mechanical Specifications

Waveguide Size	WR-112
Section Length	1.5 in [38.1 mm]

Description	Flange 1	Waveguide	Flange 2
Flange Type	Square Cover		Square Cover
Flange Designation	UG	WR-112	UG
Material		Aluminum	

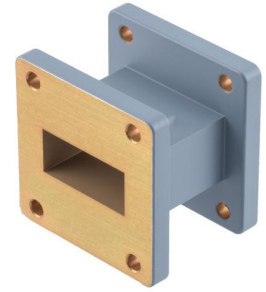
<b>Size</b>	
Weight	0.5 lbs [226.8 g]

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

#### Plotted and Other Data

- Notes:
- Values at +25 °C, sea level

## WR-112 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 7.05 GHz to 10 GHz in Aluminum



### FMW112S001-1.5

WR-112 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 7.05 GHz to 10 GHz in Aluminum 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-112 Waveguide Section 1.5 Inch Length Using UG Square Cover Flange from 7.05 GHz to 10 GHz in Aluminum FMW112S001-1.5](https://www.fairviewmicrowave.com/wr-112-waveguide-section-straight-ug-square-fmw112s001-1.5-p.aspx)

URL: <https://www.fairviewmicrowave.com/wr-112-waveguide-section-straight-ug-square-fmw112s001-1.5-p.aspx>

The information contained within 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 liability arising out of the use of any part or document.

# FMW112S001-1.5 CAD Drawing

WR-112 Waveguide Section 1.5 Inch Length Using UG Square Cover

Flange from 7.05 GHz to 10 GHz in Aluminum

