

WR-28 Waveguide Section 4 Inch Length Using UG Square Cover and Grooved Flange from 26.5 GHz to 40 GHz in Brass

Fairview Microwave's FMW28S001-4 is a 4 inch WR-28 straight waveguide section that operates from 26.5 GHz to 40 GHz. This straight waveguide section offers a maximum 1.05:1 VSWR. The input of this straight waveguide section has a UG Cover and Grooved Flange. FMW28S001-4 is part of over 40,000 RF, microwave and millimeter wave components. WR-28 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	26.5		40	GHz
VSWR			1.05:1	
Insertion Loss Max			0.2	dB

* Values at 25°C, sea level

Mechanical Specifications

Waveguide Size	WR-28
Section Length	3.94 in [100.08 mm]
Flange 1	
Flange Type	UG Cover
Material	Brass
Waveguide	
Interface	WR-28
Material	Brass
Plating	Silver
Flange 2	
Flange Type	UG Grooved
Material	Brass
Size	
Weight	0.11 lbs [49.9 g]

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

Plotted and Other Data

Notes:

- Values at 25 °C, sea level



Features:

- WR-28 Waveguide Section
- UG Grooved and Cover Flanges
- Frequency Range 26.5 GHz to 40 GHz
- 4 inch length
- Maximum VSWR 1.05:1
- Metrology grade for VNA calibration

Applications:

- Transmission Systems
- Test and Laboratory Setups
- VNA Calibration

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WR-28 Waveguide Section 4 Inch Length Using UG Square Cover and Grooved Flange from 26.5 GHz to 40 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-28 Waveguide Section 4 Inch Length Using UG Square Cover and Grooved Flange from 26.5 GHz to 40 GHz in Brass FMW28S001-4](#)

URL: <https://www.fairviewmicrowave.com/wr-28-waveguide-section-straight-ug-fmw28s001-4-p.aspx>

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