

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



PEW12S001-2

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

Pasternack's PEW12S001-2 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. PEW12S001-2 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	0.275 lbs [124.74 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 Straight Waveguide Section 2 Inch Length, UG-387/U Round Cover Flange from 60 GHz to 90 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-12 Straight Waveguide Section 2 Inch Length, UG-387/U Round Cover Flange from 60 GHz to 90 GHz PEW12S001-2](https://www.pasternack.com/wr-12-straight-waveguide-section-ug387-ug-pew12s001-2-p.aspx)

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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. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PEW12S001-2 CAD Drawing

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