



2 Way WR-28 Waveguide Power Divider UG Square Cover Flange From 33.7 GHz to 34.7 GHz, Brass

Waveguide Power Dividers Technical Data Sheet

PEW28DV001

Features

- 2-Way Waveguide Power Divider
- WR-28 Waveguide Interface
- 33.7 to 34.7 GHz Frequency Range
- Max Power 3 Watts (CW)
- Insertion Loss 0.4 dB max
- Isolation 17 dB min

Applications

- Test Benches
- Radar/Satellite
- Microwave Radio
- Attenuation Measurements
- Power Measurements

Description

Pasternack carries a wide selection of waveguide power dividers to fit your needs. These components are essential in many systems, allowing the combination of multiple signals or splitting of a single signal into multiple signals with equal magnitude and phase.

The PEW28DV001 is a 2-way waveguide power divider that operates from 33.7 to 34.7 GHz and can handle up to 3 Watts (CW) with 0.4 dB max insertion loss and 17 dB min isolation. The package uses WR-28 waveguide interface.

Electrical Specifications

Number of Output Ports 2

Description	Minimum	Typical	Maximum	Units
Frequency Range	33.7		34.7	GHz
Input VSWR			1.25:1	
Output VSWR			1.25:1	
Insertion Loss			0.4	dB
Isolation	17			dB
Amplitude Balance			0.2	dB
Phase Balance			3	Degrees
Input Power (CW)			3	Watts
Input Power (Peak)			2	kWatts

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 Way WR-28 Waveguide Power Divider UG Square Cover Flange From 33.7 GHz to 34.7 GHz, Brass PEW28DV001](#)



2 Way WR-28 Waveguide Power Divider UG Square
Cover Flange From 33.7 GHz to 34.7 GHz, Brass

Waveguide Power Dividers Technical Data Sheet

PEW28DV001

Mechanical Specifications

Size

Length	1.11 in [28.19 mm]
Width	1.42 in [36.07 mm]
Height	1.16 in [29.46 mm]
Weight	1.08 lbs [489.88 g]

Housing Material and Plating	Copper, Gray
------------------------------	--------------

Configuration

Input Waveguide Size	WR-28
Input Flange Designation	FBP320
Input Flange Type	UG Cover
Output Waveguide Size	WR-28
Output Flange Type	UG Cover

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

Plotted and Other Data

Notes:

2 Way WR-28 Waveguide Power Divider UG Square Cover Flange From 33.7 GHz to 34.7 GHz, Brass 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: [2 Way WR-28 Waveguide Power Divider UG Square Cover Flange From 33.7 GHz to 34.7 GHz, Brass PEW28DV001](#)

URL: <https://www.pasternack.com/pew28dv001-p.aspx>

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

PEW28DV001 CAD Drawing

2 Way WR-28 Waveguide Power Divider UG Square Cover
Flange From 33.7 GHz to 34.7 GHz, Brass

