



WR-22 Waveguide H-Bend with UG-383/U
Flange Operating from 33 GHz to 50 GHz

TECHNICAL DATA SHEET

PEW22B100

Pasternack's PEW22B100 is an H-Plane, 90 degree, WR-22 waveguide bend that operates from 33 GHz to 50 GHz. This waveguide bend offers a maximum VSWR of 1.15 and a typical insertion loss of 0.25 dB. The input of this waveguide section has a UG-383/U Flange. PEW22B100 is part of over 40,000 RF, microwave and millimeter wave components. Our WR-22 waveguide bend will ship worldwide the same day it is purchased along with our other RF components.

- 90° Bend
- H-Plane
- WR-22 Waveguide
- UG-383/U Flange
- 33 GHz to 50 GHz Frequency Range
- Comprehensive waveguide offering also includes Straight Sections, H-Bends, Waveguide to Coax Adapters, Filters, Terminations, and more.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	33		50	GHz
VSWR			1.15:1	
Insertion Loss		0.25		dB

Mechanical Specifications

Waveguide Size WR-22

Description	Flange 1	Waveguide	Flange 2
Flange Type	Round Cover		Round Cover
Flange Designation	UG-383/U	WR-22	UG-383/U
Material	Copper	Copper	Copper
Plating	Gold	Gold	Gold

Size

Weight

0.11 lbs [49.9 g]

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: WR-22 Waveguide H-Bend with UG-383/U Flange Operating from 33 GHz to 50 GHz PEW22B100



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WR-22 Waveguide H-Bend with UG-383/U Flange Operating from 33 GHz to 50 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-22 Waveguide H-Bend with UG-383/U Flange Operating from 33 GHz to 50 GHz PEW22B100](https://www.pasternack.com/wr-22-waveguide-h-bend-ug-383-flange-33-50-ghz-pew22b100-p.aspx)

URL: <https://www.pasternack.com/wr-22-waveguide-h-bend-ug-383-flange-33-50-ghz-pew22b100-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.

PEW22B100 CAD Drawing

WR-22 Waveguide H-Bend with UG-383/U Flange Operating from 33 GHz to 50 GHz

