



WR-62 Instrumentation Grade Waveguide H-Bend with
UG-419/U Flange Operating 12.4 GHz to 18 GHz

TECHNICAL DATA SHEET

PE-W62B004A

PE-W62B004A is a WR-62 waveguide bend that is a H-Plane Bend type with a UG-419/U Square Cover flange. This WR-62 H-Bend waveguide with UG-419/U flange from Pasternack is Instrumentation grade. Our WR-62 Instrumentation grade waveguide bend has a minimum frequency of 12.4 GHz and a maximum frequency of 18 GHz. WR-62 waveguide bend PE-W62B004A is part of over 40,000 RF, microwave and millimeter wave components available from Pasternack. This Instrumentation grade WR-62 H-Bend waveguide with UG-419/U flange can ship worldwide the same day as it is purchased as with our other available RF parts.

- WR-62 Waveguide H-Plane Bend
- UG-419/U Square Cover Flange
- 12.4GHz to 18 GHz Frequency Range
- Comprehensive waveguide offerings also includes Waveguide Sections, Waveguide to Coax Adapters, Filters, Terminations, and more

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	12.4		18	GHz
VSWR		1.06:1		
Insertion Loss		0.7		dB

Mechanical Specifications

Waveguide Size WR-62
Waveguide Design Instrumentation Grade

Description	Flange 1	Waveguide	Flange 2
Flange Type	Square Cover		Square Cover
Flange Designation	UG-419/U	WR-62	UG-419/U
Material	Brass	Oxygen Free Hard Copper	Brass
Plating	Gold	Gold	Gold

Temperature

Temperature Operating Range -40 to +75 deg C
Temperature Storage Range -50 to +85 deg C

Size

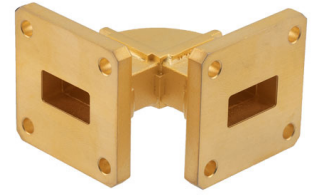
Weight 0.328 lbs [148.78 g]

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-62 Instrumentation Grade Waveguide H-Bend with UG-419/U Flange Operating 12.4 GHz to 18 GHz PE-W62B004A



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WR-62 Instrumentation Grade Waveguide H-Bend with UG-419/U Flange Operating 12.4 GHz to 18 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-62 Instrumentation Grade Waveguide H-Bend with UG-419/U Flange Operating 12.4 GHz to 18 GHz PE-W62B004A](https://www.pasternack.com/wr-62-waveguide-h-bend-ug-419-flange-12.4-18-ghz-pe-w62b004a-p.aspx)

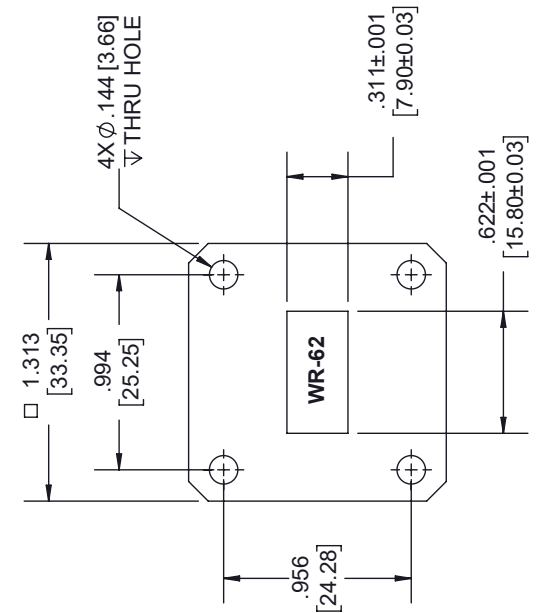
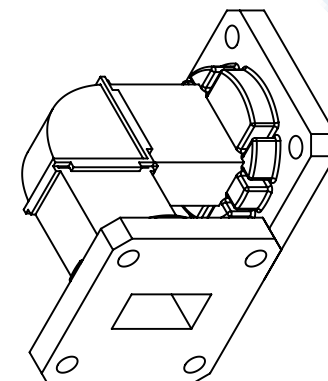
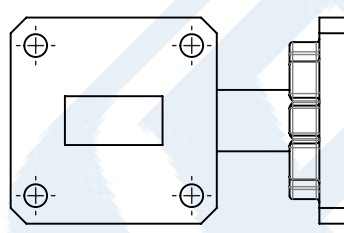
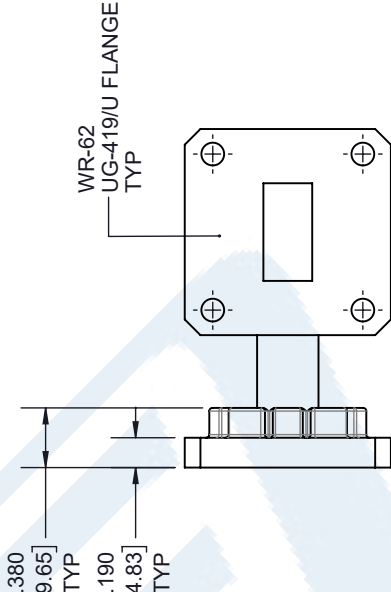
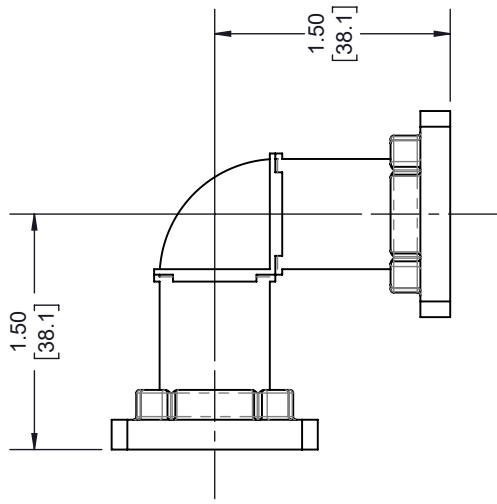
URL: <https://www.pasternack.com/wr-62-waveguide-h-bend-ug-419-flange-12.4-18-ghz-pe-w62b004a-p.aspx>

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.

PE-W62B004A CAD Drawing

WR-62 Instrumentation Grade Waveguide H-Bend with UG-419/U Flange Operating 12.4 GHz to 18 GHz

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	09/01/2022
		APPROVED
		S. PONG



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS

TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ±.1/32
 .XX = ±.02 [.51] ANGLES ± 1°
 .XXX = ±.005 [.13]

CABLE LENGTH (L) TOLERANCES:
 L ≤ 12 [305] = +1 [25] / -0
 12 [305] < L ≤ 60 [1524] = +2 [51] / -0
 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
 300 [7620] < L = +5% / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

PE PASTERNAK
an INFINITE brand

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THIRD-ANGLE PROJECTION

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SCALE N/A

REV A

ITEM NO. PE-W62B004A

DRAWN BY K.DANG

CAGE CODE 53919