



## WR-28 Instrumentation Grade Waveguide E-Bend with UG-599/U Flange Operating from 26.5 GHz to 40 GHz

### TECHNICAL DATA SHEET

PE-W28B003

PE-W28B003 is a WR-28 waveguide bend that is a E-Plane Bend type with UG-599/U Square Cover flange. This WR-28 E-Bend waveguide with UG-599/U flange from Pasternack is Instrumentation grade. Our WR-28 Instrumentation grade waveguide bend has a minimum frequency of 26.5 GHz and a maximum frequency of 40 GHz. WR-28 waveguide bend PE-W28B003 is part of over 40,000 RF, microwave and millimeter wave components available from Pasternack. This Instrumentation grade WR-28 E-Bend waveguide with UG-599/U flange can ship worldwide the same day as it is purchased as with our other available RF parts.

- WR-28 Waveguide E-Plane Bend
- UG-599/U Square Cover Flange
- 26.5 GHz to 40 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	26.5		40	GHz
VSWR			1.08:1	
Insertion Loss		0.3	0.4	dB

#### Mechanical Specifications

Waveguide Size  
Waveguide Design

WR-28  
Instrumentation Grade

Description	Flange 1	Waveguide	Flange 2
Flange Type	Square Cover		Square Cover
Flange Designation	UG-599/U	WR-28	UG-599/U
Material	Oxygen Free Hard Copper	Oxygen Free Hard Copper	Oxygen Free Hard Copper
Plating	Hard Gold over Copper Flash	Hard Gold over Copper Flash	Hard Gold over Copper Flash

Size  
Weight

1.624 lbs [736.63 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-28 Instrumentation Grade Waveguide E-Bend with UG-599/U Flange Operating from 26.5 GHz to 40 GHz PE-W28B003



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WR-28 Instrumentation Grade Waveguide E-Bend with UG-599/U Flange Operating from 26.5 GHz to 40 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-28 Instrumentation Grade Waveguide E-Bend with UG-599/U Flange Operating from 26.5 GHz to 40 GHz PE-W28B003](https://www.pasternack.com/wr-28-waveguide-e-bend-ug-599-flange-26.5-40-ghz-pe-w28b003-p.aspx)

URL: <https://www.pasternack.com/wr-28-waveguide-e-bend-ug-599-flange-26.5-40-ghz-pe-w28b003-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.

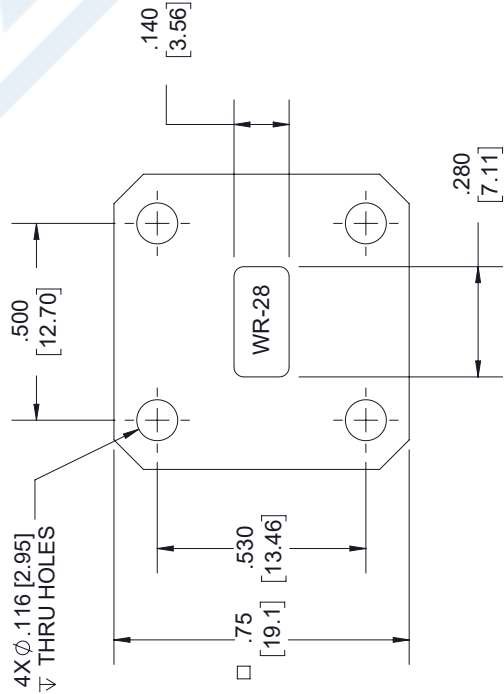
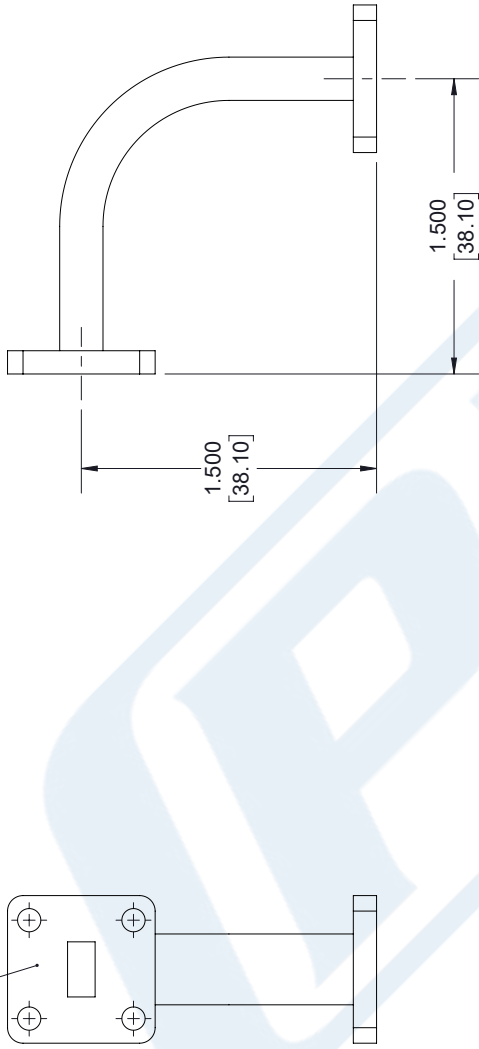
# PE-W28B003 CAD Drawing

WR-28 Instrumentation Grade Waveguide E-Bend with UG-599/U Flange Operating from 26.5 GHz to 40 GHz

**LABEL**

PASTERNAK  
PE-W28B003  
D/C: YYWW

2X  
WR-28 WAVEGUIDE  
UG599/U SQUARE FLANGE



**FLANGE DETAIL**

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

**TOLERANCES:**

X±.2	[5.08]	FRACTIONS
XX±.01	[.25]	±.132
XXX±.005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

**PE PASTERNAK**  
an INFINITI brand

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