



WR-90 Waveguide E-Bend with UG-39/U Flange  
Operating from 8.2 GHz to 12.4 GHz

TECHNICAL DATA SHEET

PE-W90B001

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	8.2		12.4	GHz
VSWR			1.08:1	
Insertion Loss		0.15		dB

**Mechanical Specifications**

Waveguide Size	WR-90		
Waveguide Design	Standard		
Description	Flange 1	Waveguide	Flange 2
Interface	UG-39/U	WR-90	UG-39/U
Material	Copper Alloy	Copper Alloy	Copper Alloy
Plating	Paint	Paint	Paint

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Notes:

- Values at +25 °C, sea level

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [WR-90 Waveguide E-Bend with UG-39/U Flange Operating from 8.2 GHz to 12.4 GHz PE-W90B001](#)

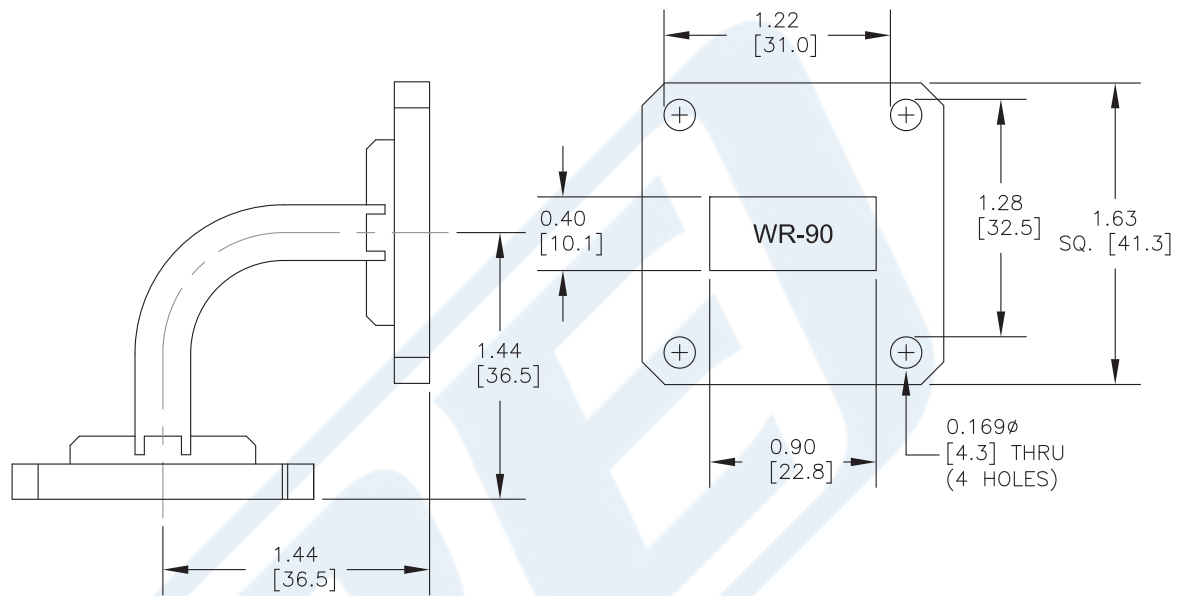


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Outline Drawing



WR-90 Waveguide E-Bend with UG-39/U Flange Operating from 8.2 GHz to 12.4 GHz from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

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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.