



## 2 Watts WR-62 Waveguide Load 11.9 GHz to 18 GHz, Aluminum with UG Style Flange

### Waveguide Terminations Technical Data Sheet

PE6201A

#### Features

- WR-62 Waveguide
- Operating Frequency Range from 11.9 GHz to 18 GHz
- UG Square Cover Flange
- 1.03:1 Max VSWR
- 2 Watts Average Power Handling

#### Applications

- Radar Systems
- Military and Space
- Wireless Radio Systems
- Telecom Infrastructure
- Communication Systems
- R&D Labs
- Microwave Radio Systems

#### Description

The PE6201A is a WR-62 waveguide termination/load that operates in the frequency range of 11.9 GHz to 18 GHz. This WR-62 waveguide termination has a Max VSWR of 1.03:1. This waveguide termination design is made of painted aluminum and incorporates a standard UG Square Cover flange. In addition to waveguide termination product line, Pasternak also offers a wide range of waveguide products which are available in stock and ready for same-day shipment.

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	11.9		18	GHz
VSWR			1.03:1	
Input Power (CW)			2	Watts

#### Mechanical Specifications

##### Size

Length	3.54 in [89.92 mm]
Width/Dia.	1.313 in [33.35 mm]
Height	1.313 in [33.35 mm]
Weight	0.9 lbs [408.23 g]

Description	Flange	Waveguide
Designation	None	WR-62
Type	Square Cover	
Material		Aluminum
Finish	Grey Paint	Grey Paint

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 Watts WR-62 Waveguide Load 11.9 GHz to 18 GHz, Aluminum with UG Style Flange PE6201A](#)



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### Environmental Specifications

#### Temperature

Operating Range

-30 to +70 deg C

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

Notes:

2 Watts WR-62 Waveguide Load 11.9 GHz to 18 GHz, Aluminum with UG Style Flange 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.

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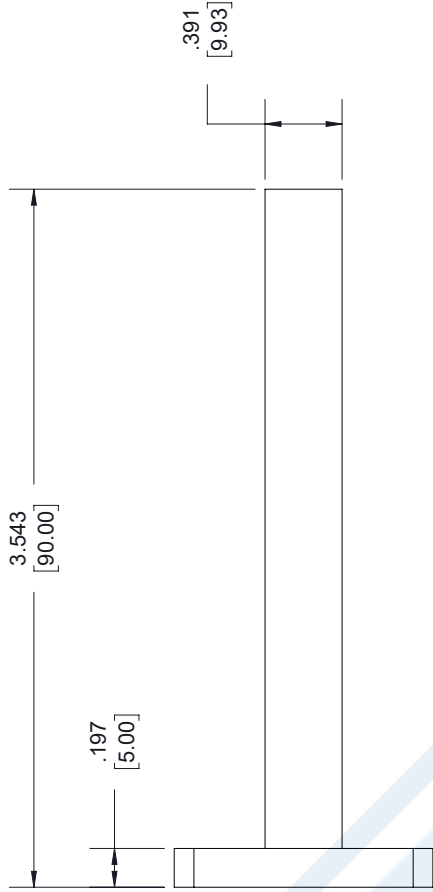
URL: <https://www.pasternack.com/2-watts-wr-62-rf-load-11.9-18-ghz-precision-pe6201a-p.aspx>

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.

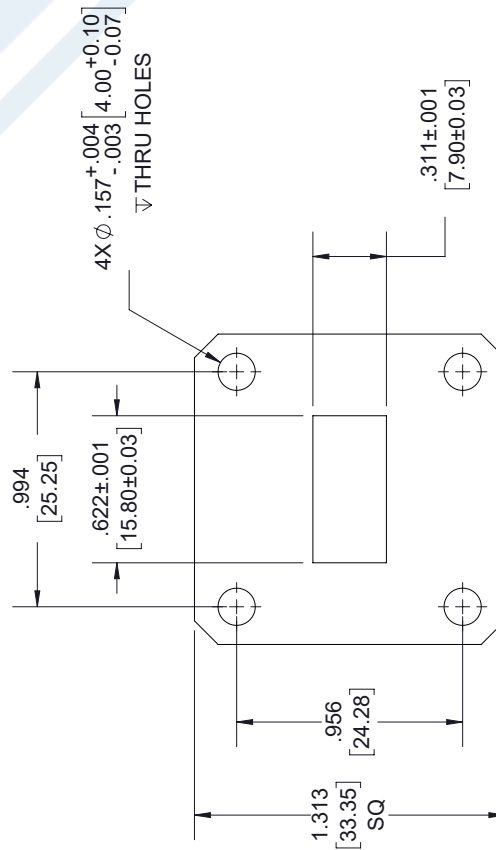
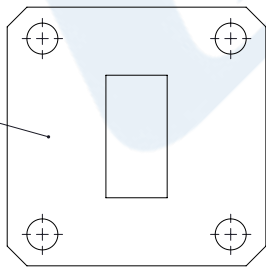
# PE6201A CAD Drawing

2 Watts WR-62 Waveguide Load 11.9 GHz to 18 GHz, Aluminum with UG Style Flange

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	1/14/2020
		APPROVED
		S.PONG



WR-62 WAVEGUIDE  
UG-1665/U COVER FLANGE



### FLANGE DETAIL

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN 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% / L / -0	

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

**PE PASTERNAK**  
an INFINIT brand

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1  
SCALE N/A

SIZE A  
CAGE CODE A  
DRAWN BY K.DANG  
ITEM NO. PE6201A  
REV A

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