

WR-42 Standard Gain Horn with 20 dBi gain, 2.92mm Female connector

## Technical Data Sheet

**PEWAN042-20KF**

### Mechanical Specifications

#### Size

|        |                     |
|--------|---------------------|
| Length | 5.571 in [141.5 mm] |
| Width  | 2.054 in [52.17 mm] |
| Height | 1.524 in [38.71 mm] |
| Weight | 0.15 lbs [68.04 g]  |

#### RF Connector

|      |               |
|------|---------------|
| Type | 2.92mm Female |
|------|---------------|

#### Waveguide Interface

|                |       |
|----------------|-------|
| Waveguide Size | WR-42 |
|----------------|-------|

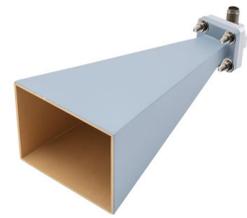
### Environmental Specifications

**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-42 Standard Gain Horn with 20 dBi gain, 2.92mm Female connector PEWAN042-20KF](#)

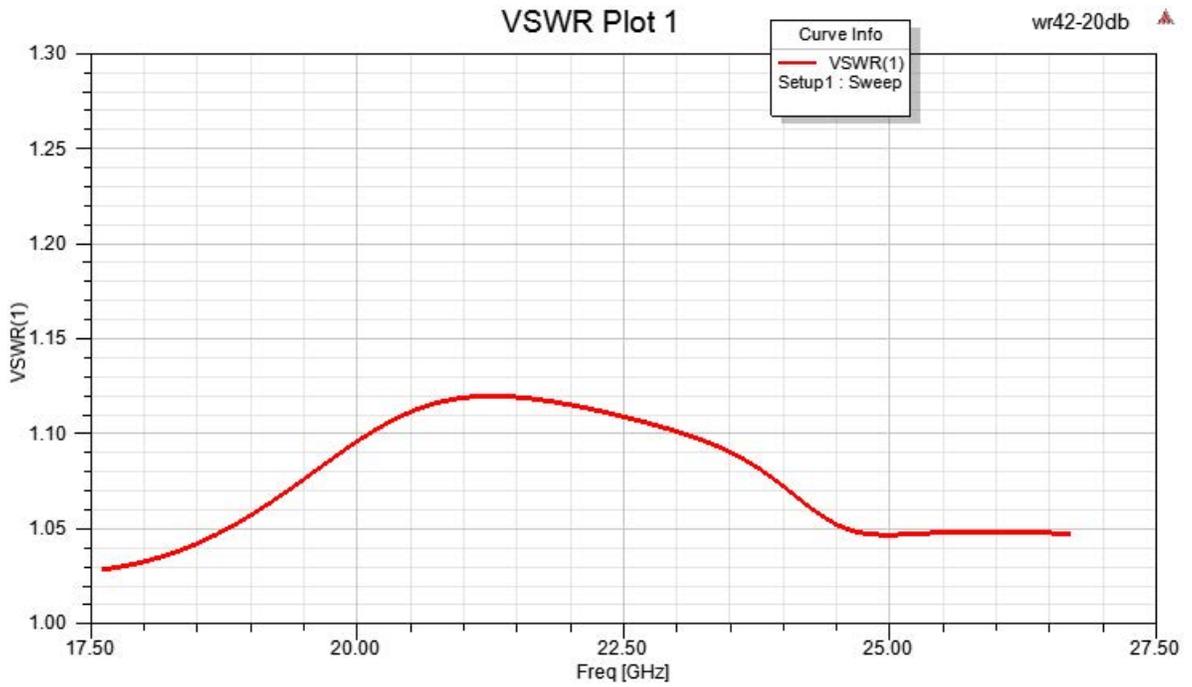


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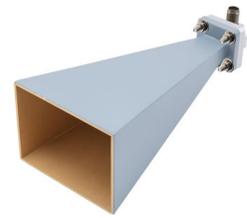
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Typical Performance Data



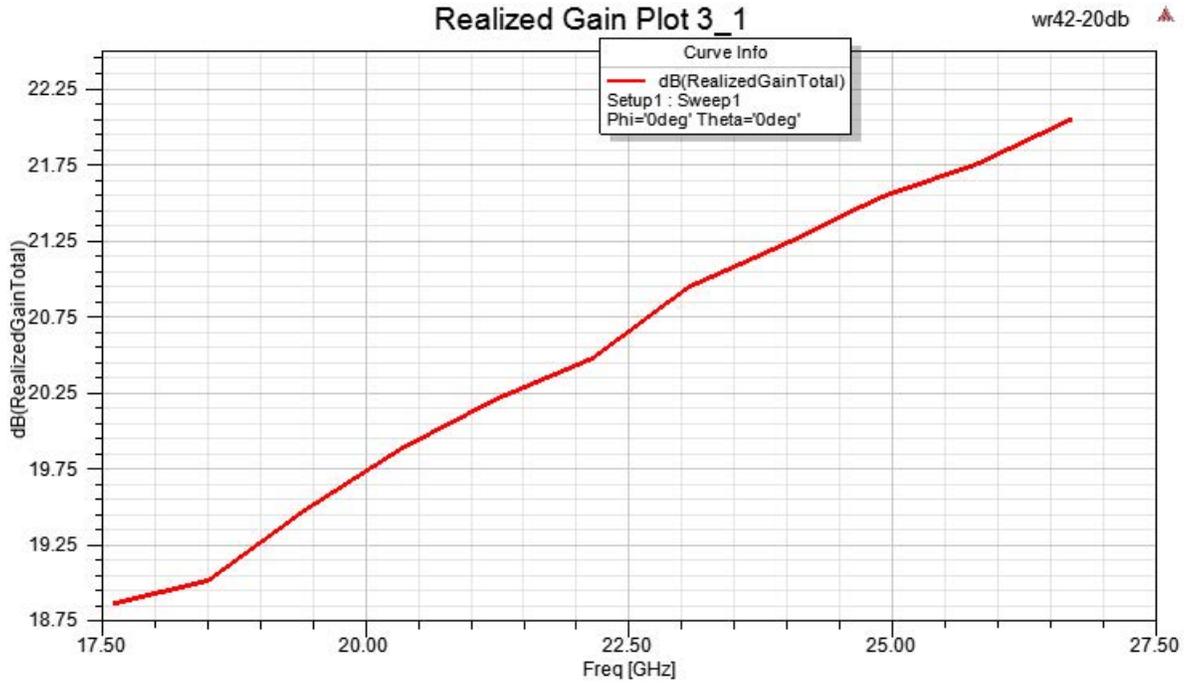
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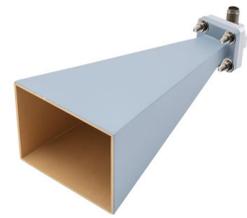
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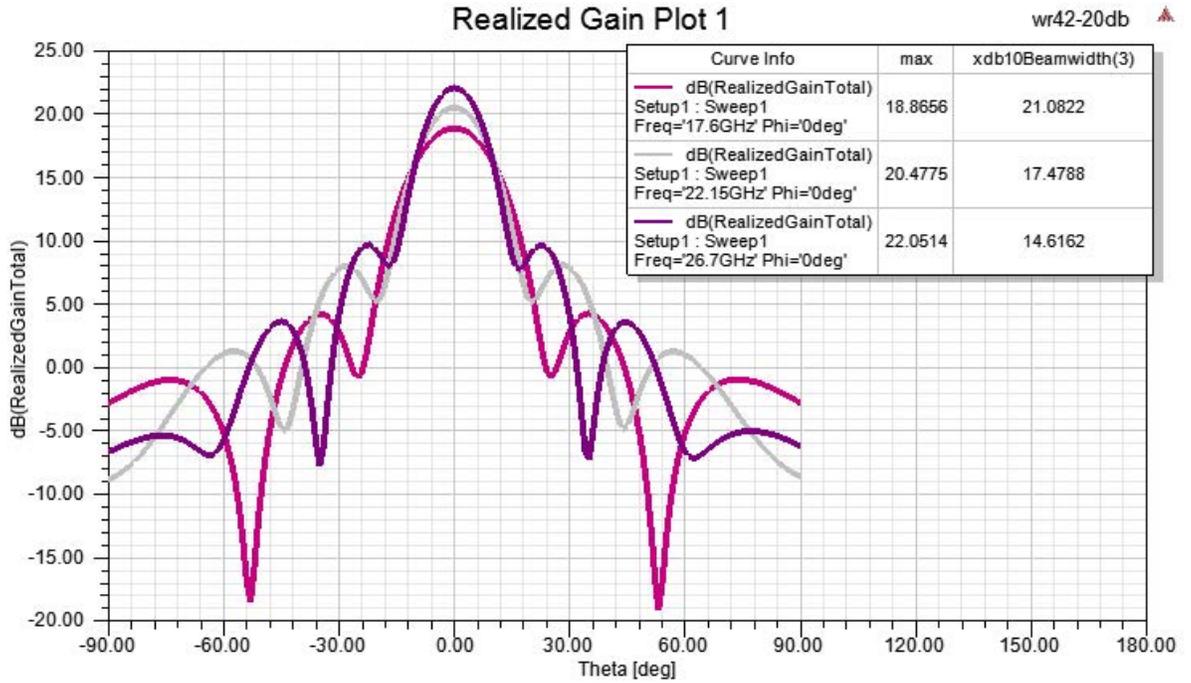
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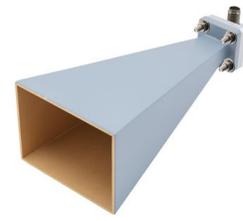
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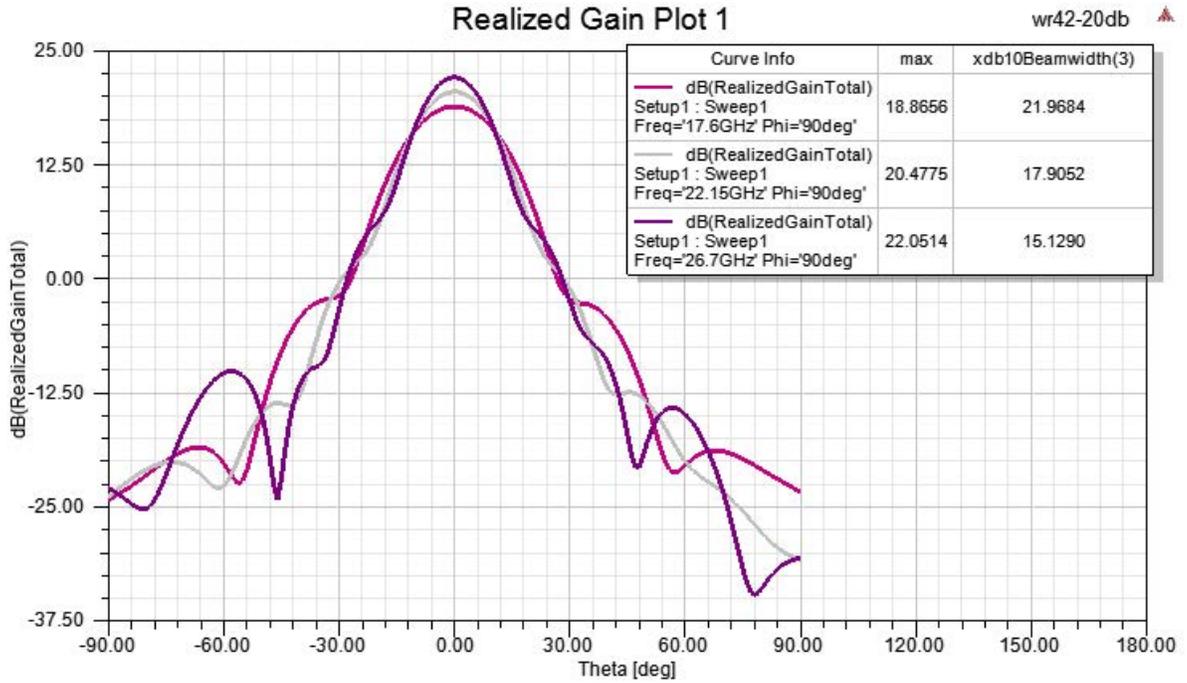
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WR-42 Standard Gain Horn with 20 dBi gain, 2.92mm Female connector from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of 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-42 Standard Gain Horn with 20 dBi gain, 2.92mm Female connector PEWAN042-20KF](#)

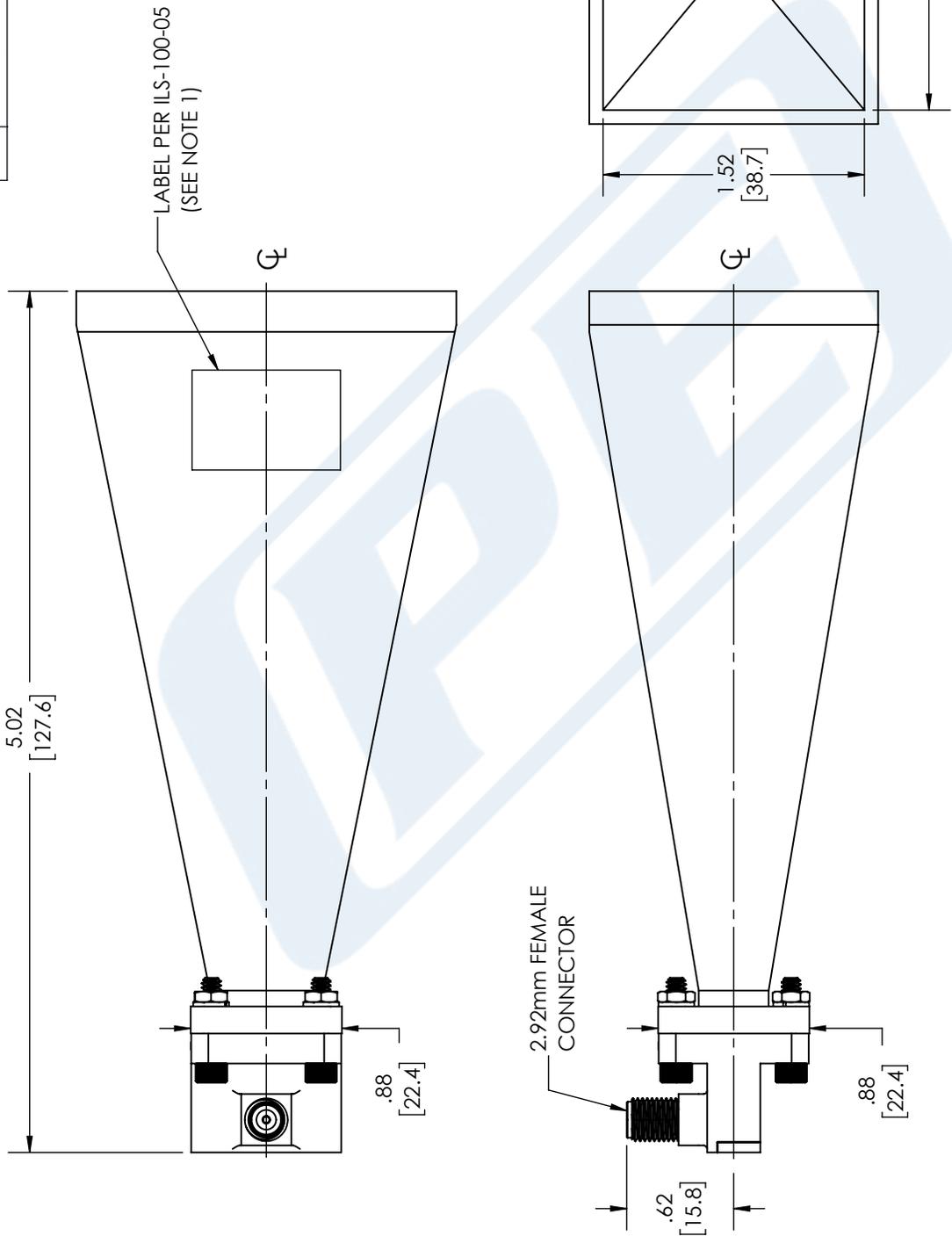
URL:

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.

# PEWAN042-20KF CAD Drawing

WR-42 Standard Gain Horn with 20 dBi gain, 2.92mm Female connector

| REVISIONS |                 |            |          |
|-----------|-----------------|------------|----------|
| REV.      | DESCRIPTION     | DATE       | APPROVED |
| A         | INITIAL RELEASE | 10/04/2021 | KHIETPAS |



|   |   |                  |            |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
|---|---|------------------|------------|------------------|------------|-------|-------------|--------------|-------|--|--------|-------|-------|-----|-------------------|--------|------|-----------|---------------------|--------|-----|------------|----------------------|--------|-------|------------|----------------|--|-------|------------|
| <p><b>PE PASTERNAK</b><br/>an INFINITI<sup>®</sup> brand</p> <p>Pasternack Enterprises, Inc.<br/>P. O. Box 16759, Irvine, CA 92623.<br/>Phone: 1.949.261.1920   1.866.727.8376<br/>Fax: 1.949.261.7451<br/>Website: www.pasternack.com<br/>E-mail: sales@pasternack.com</p>   | <p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p> <p>SCALE N/A</p> |                  |            |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
|   | <p>SIZE A</p> <p>CAGE CODE 53919</p> <p>DRAWN BY BPUCHASKI</p> <p>ITEM NO. PEWAN042-20KF</p> <p>REV A</p>   |                  |            |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| <p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <table border="0"> <tr> <td>.X = ±.2</td> <td>[.008]</td> <td>FRACTIONS ± 1/32</td> </tr> <tr> <td>.XX = ±.02</td> <td>[.51]</td> <td>ANGLES ± 1°</td> </tr> <tr> <td>.XXX = ±.005</td> <td>[.13]</td> <td></td> </tr> </table> <p>CABLE LENGTH (L), TOLERANCES:</p> <table border="0"> <tr> <td>L ≤ 12</td> <td>[305]</td> <td>±.125</td> <td>/-0</td> </tr> <tr> <td>12 [305] &lt; L ≤ 60</td> <td>[1524]</td> <td>±.25</td> <td>[51] / -0</td> </tr> <tr> <td>60 [1524] &lt; L ≤ 120</td> <td>[3048]</td> <td>±.5</td> <td>[102] / -0</td> </tr> <tr> <td>120 [3048] &lt; L ≤ 300</td> <td>[7620]</td> <td>±.625</td> <td>[152] / -0</td> </tr> <tr> <td>300 [7620] &lt; L</td> <td></td> <td>±.625</td> <td>[152] / -0</td> </tr> </table> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p> |   | .X = ±.2         | [.008]     | FRACTIONS ± 1/32 | .XX = ±.02 | [.51] | ANGLES ± 1° | .XXX = ±.005 | [.13] |  | L ≤ 12 | [305] | ±.125 | /-0 | 12 [305] < L ≤ 60 | [1524] | ±.25 | [51] / -0 | 60 [1524] < L ≤ 120 | [3048] | ±.5 | [102] / -0 | 120 [3048] < L ≤ 300 | [7620] | ±.625 | [152] / -0 | 300 [7620] < L |  | ±.625 | [152] / -0 |
| .X = ±.2  | [.008]  | FRACTIONS ± 1/32 |            |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| .XX = ±.02  | [.51]   | ANGLES ± 1°      |            |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| .XXX = ±.005  | [.13]   |                  |            |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| L ≤ 12  | [305]   | ±.125            | /-0        |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| 12 [305] < L ≤ 60   | [1524]  | ±.25             | [51] / -0  |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| 60 [1524] < L ≤ 120   | [3048]  | ±.5              | [102] / -0 |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| 120 [3048] < L ≤ 300  | [7620]  | ±.625            | [152] / -0 |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |
| 300 [7620] < L  |   | ±.625            | [152] / -0 |                  |            |       |             |              |       |  |        |       |       |     |                   |        |      |           |                     |        |     |            |                      |        |       |            |                |  |       |            |

**NOTES:**  
1. LABEL PER ILS-100-05 (FOR INTERNAL REFERENCE ONLY)  
LABEL LOCATION FOR REFERENCE ONLY

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