



## WR-22 E-Plane Waveguide Bend, 90°

### Description:

**Model SWB-22090-EB** is a 90 degree, WR-22 E-plane waveguide bend with UG-383/U circular flanges. The bend radius is 1.0". The waveguide bend is manufactured through a precision machining process to ensure high quality and ruggedness. The waveguide is offered to cover the frequency range of 33 to 50 GHz.



### Features:

- Frequency Coverage: 33.0 to 50.0 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

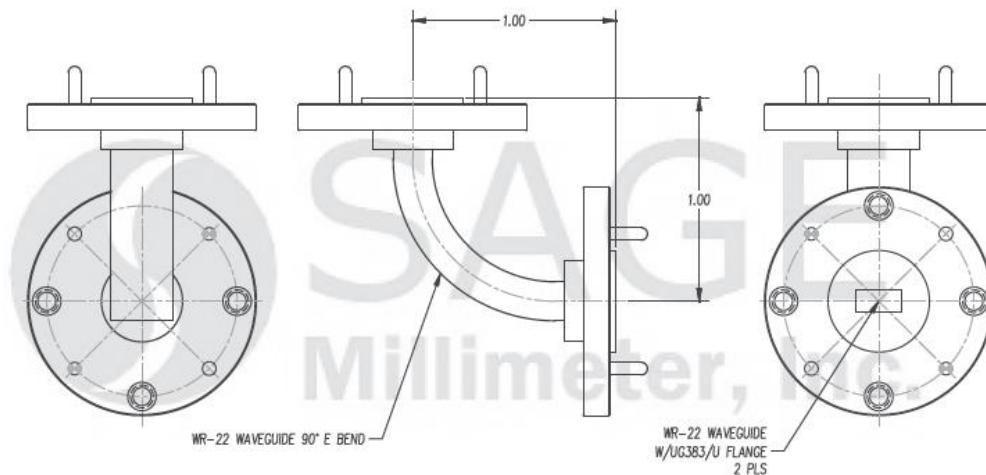
### Applications:

- Test Instrumentation
- Sub-assemblies
- Lab Use

### Mechanical Specifications:

| Item               | Specification                         |
|--------------------|---------------------------------------|
| Waveguide Size     | WR-22 Waveguide with UG-383/U Flanges |
| Bend Plane         | E Plane                               |
| Bend Angle         | 90 Degrees                            |
| Bend Radius        | 1.0"                                  |
| Flange Material    | Brass                                 |
| Waveguide Material | Copper                                |
| Finish             | Gold Plated                           |
| Weight             | 1.6 Oz                                |
| Outline            | WB-EQ                                 |

### Mechanical Outline: (Unless otherwise specified, all dimensions are in inches)



### Note:

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.



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