# SWB-06090-EB

Rev. 1.0

## WR-06 E-Plane Waveguide Bend, 90°

### Description:

**Model SWB-06090-EB** is a 90 degree, WR-06 E-plane waveguide bend with UG-387/U-M circular flanges. The bend radius is 0.75”. 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 110 to 170 GHz.



### Features:

- Frequency Coverage: 110.0 to 170.0 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

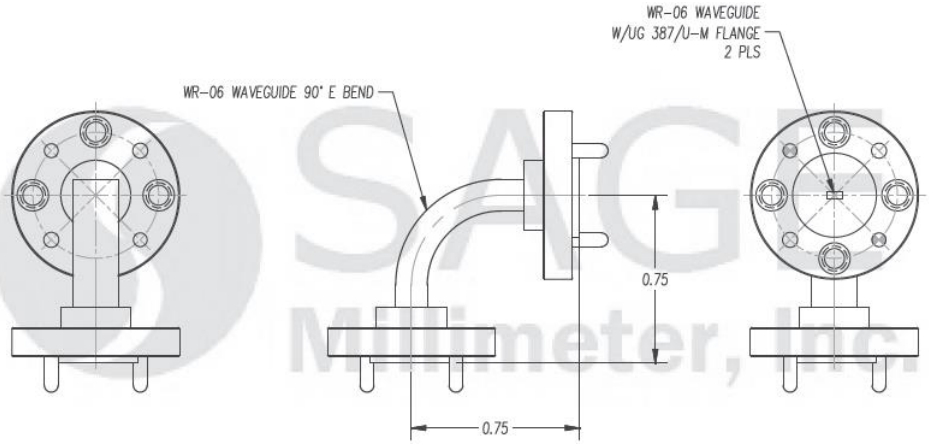
### Applications:

- Test Instrumentation
- Sub-assemblies
- Lab Use

### Mechanical Specifications:

| Item | Specification |
|---|---|
| Waveguide Size | WR-06 Waveguide with UG-387/U-M Flanges |
| Bend Plane | E Plane |
| Bend Angle | 90 Degrees |
| Bend Radius | 0.75” |
| Flange Material | Brass |
| Waveguide Material | Copper |
| Finish | Gold Plated |
| Weight | 0.6 Oz |
| Outline | WB-ED |

### 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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