



## WR-12 Waveguide Open, Fixed

### Description:

**Model SWO-12-F1** is a fixed waveguide open with a UG-387/U-M flange covering the frequency range from 60 to 90 GHz. The product consists of a waveguide short (model number **SWS-VG-F1**) and a  $\frac{1}{4} \lambda_g$  waveguide shim (model number **SWI-12052-SB**). The waveguide shim is 0.052" thick offering perfect open at the center frequency of 75 GHz when combined with the waveguide short. The product is manufactured with a precision machining process to ensure high quality and ruggedness. The open offers good reflection in the entire frequency range.



### Features:

- Frequency Range: 60 to 90 GHz
- Good Reflectivity
- Instrumentation Grade

### Applications:

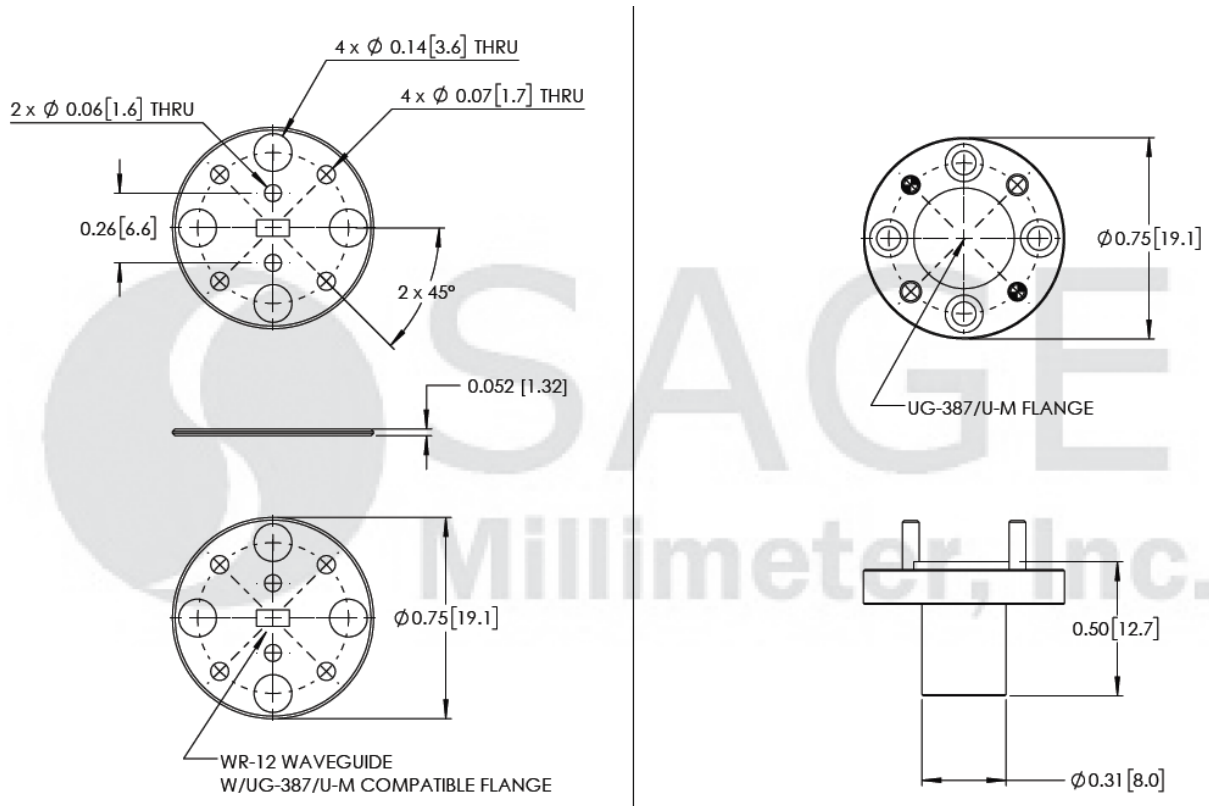
- Test Labs
- Test Instrumentation
- System Calibration

### Mechanical Specifications:

Item	Specifications
Waveguide	UG-387/U-M Flange
Waveguide Flange Material	Brass
Finish	Gold Plated
<b>SWI-12052-SB</b> Length	0.052" (L)
Weight	0.4 Oz ( <b>SWS-VG-F1</b> ) + 0.3 Oz ( <b>SWI-12052-SB</b> )
Outline	WO-EF

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**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])



**Note:**

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