



## WR-42 Waveguide Open, Fixed

### Description:

**Model SWO-42-F1** is a fixed waveguide open with a UG-595/U flange covering the frequency range from 18 to 26.5 GHz. The product consists of a waveguide short (model number **SWS-K3-F1**) and a  $\frac{1}{4}$   $\lambda$ g waveguide shim (model number **SWI-42168-SB**). The waveguide shim is 0.168" thick offering perfect open at the center frequency of 22.5 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: 18 to 26.5 GHz
- Good Reflectivity
- Instrumentation Grade

### Applications:

- Test Labs
- Test Instrumentation
- System Calibration

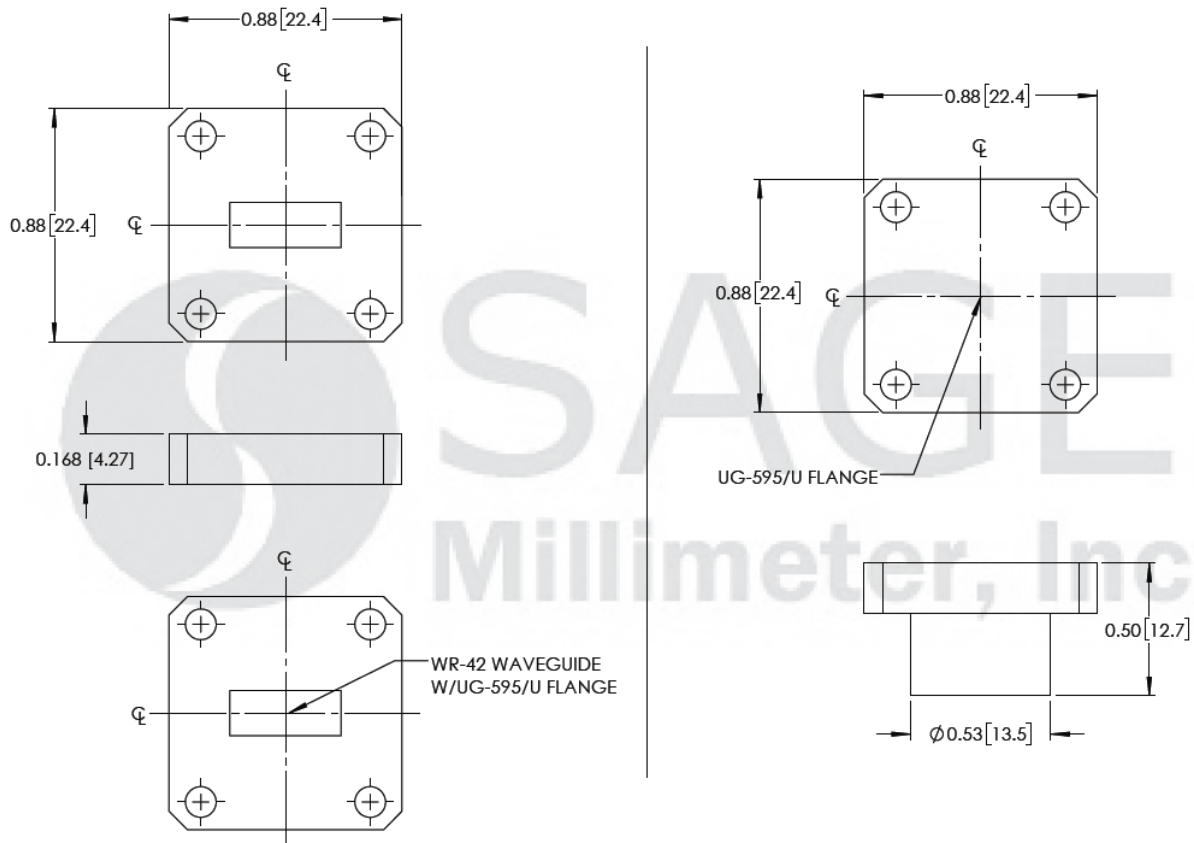
### Mechanical Specifications:

Item	Specifications
Waveguide	UG-595/U Flange
Waveguide Flange Material	Brass
Finish	Gold Plated
<b>SWI-42168-SB</b> Length	0.168" (L)
Weight	2 Oz ( <b>SWS-K3-F1</b> ) + 0.7 Oz ( <b>SWI-42168-SB</b> )
Outline	WO-KF



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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.