

## WR-12 to WR-10 Waveguide Taper Transition, Anti-Cocking Flanges

### Description:

**Model SWT-1210-LB-A** is a WR-12 to WR-10 rectangular waveguide taper transition. The taper transition is manufactured by either EDM machining or electro-forming techniques to ensure high accuracy and a quality surface finish. The transition is also designed with anti-cocking flanges to enhance waveguide interface contact and reduce leakage. The transition only induces a fraction of a dB insertion loss and offers a VSWR of 1.05:1 or better.



### Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade
- Anti-Cocking Flange

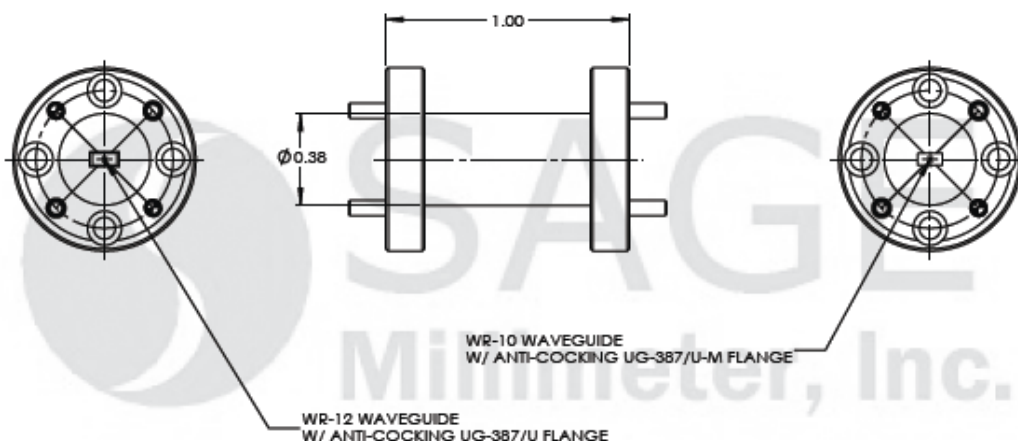
### Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-12 Waveguide with Anti-Cocking UG-387/U Flange
Waveguide Size	WR-10 Waveguide with Anti-Cocking UG-387/U-M Flange
Insertion Length	1.0"
Outline	WT-EW-A
Material	Brass
Finish	Gold Plated
Weight	0.8 Oz

### 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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