



## WR-34 to Circular Waveguide Mode Transition, 0.328" Diameter

### Description:

**Model SWT-34328-SA** is a WR-34 to 0.328" diameter circular waveguide mode transition. The mode transition is manufactured by either EDM machining or electro-forming techniques to ensure high accuracy and a quality surface finish. The transition only induces a fraction of a dB insertion loss and offers a return loss of 32 dB or better. The nominal operating frequency is 24 to 26.5 GHz.



### Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

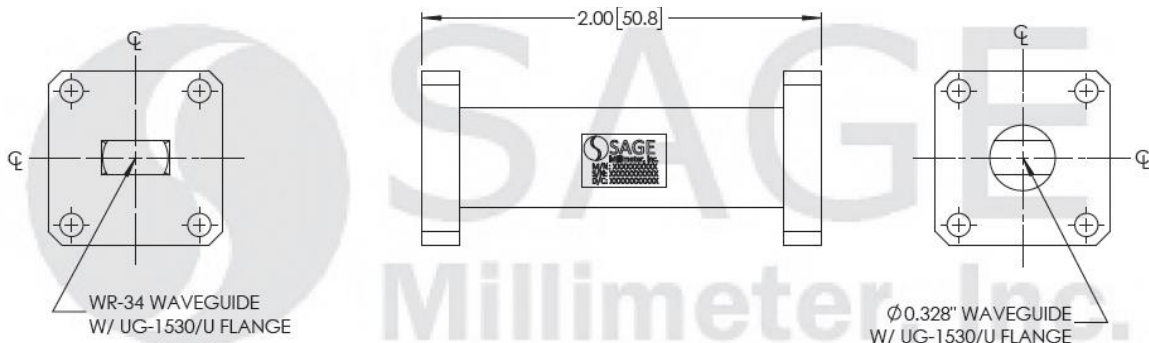
### Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-34 Waveguide with UG-1530/U Flange
Waveguide Size	0.328" Diameter Circular Waveguide with UG-1530/U Flange
Material	Aluminum
Finish	Gold Plated
Weight	0.6 Oz
Insertion Length	2.0"
Outline	WT-3C-328

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



### Note:

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.
- Other mechanical configurations are available under different model numbers.

