

## WR-62 to Circular Waveguide Mode Transition, 0.584" Diameter

### Description:

**Model SWT-62584-SA** is a WR-62 to 0.584" 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 VSWR of 1.05:1 or better. The nominal operating frequency is 13.4 to 18 GHz. The dominate mode frequency range can be extended to cover 12.5 to 18.0 GHz.



### Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

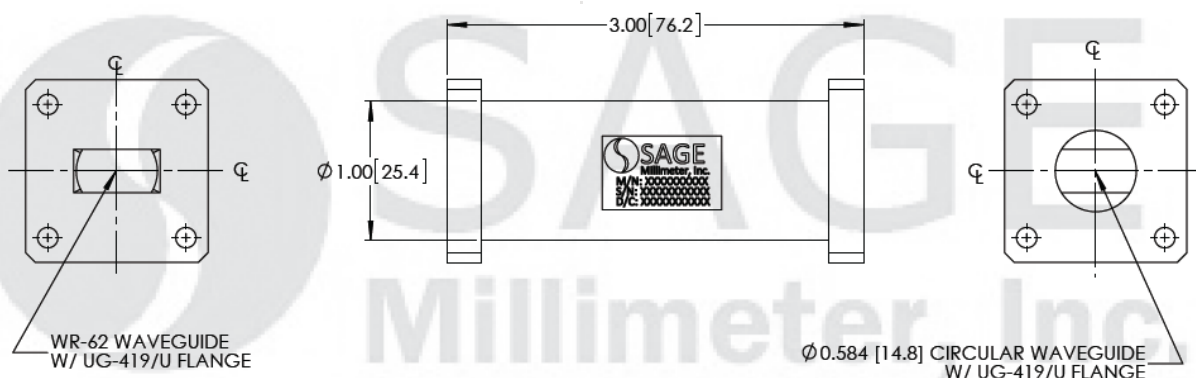
### Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

Item	Specification
Waveguide	WR-62 Waveguide with UG-419/U Flange
Waveguide	0.584" Diameter Circular Waveguide with UG-419/U-M Flange
Material	Aluminum
Finish	Silver Paint
Weight	3.3 Oz
Insertion Length	3.0"
Outline	WT-6C-584

**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.
- Other mechanical configurations are available under different model numbers.



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