

## WR-08 Straight Waveguide Section, 2.5", Metrology Grade

### Description:

**STQ-WG08025-F1-A-R** is a 2.5" long, F-band straight waveguide section with a WR-08 waveguide and UG-387/U-M precision anti-cocking circular flanges. The straight waveguide is designed and manufactured with a precision machining process to ensure high quality and ruggedness for metrology applications. The extended length and enhanced waveguide section are particularly considered for ease DUT (device under testing) connections and stress sustaining.



### Features:

- Frequency Range: 90 to 140 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss
- High Return Loss, 32 dB or higher

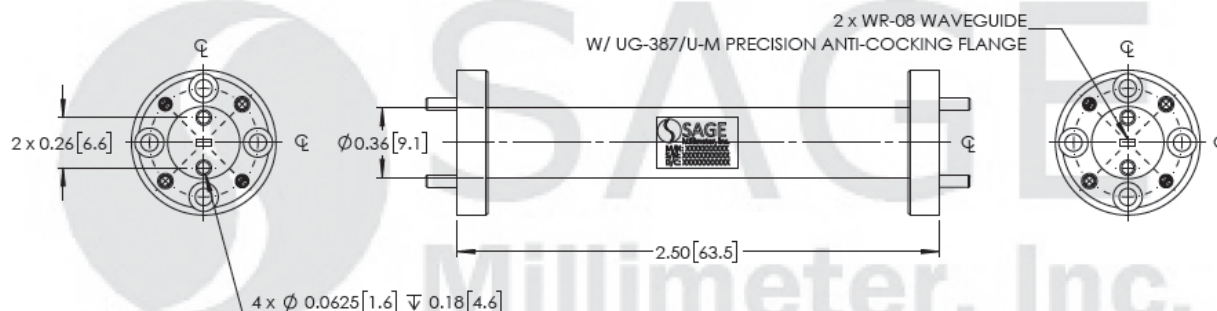
### Applications:

- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

Item	Specification
Waveguide Port	WR-08 Waveguide with UG-387/U-M Precision Anti-Cocking Flange
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.6 Oz
Insertion Length	2.5"
Outline	WG-FF-A-R-2.5

### 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.

