

## STQ-WG-04025-F1-A-R

### WR-04 Straight Waveguide Section, 2.5", Metrology Grade

**STQ-WG-04025-F1-A-R** is a 2.5" long, WR-04 straight waveguide section with a WR-04 waveguide and UG-387/U-M precision anti-cocking 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 easy DUT (device under testing) connections and stress sustaining.



#### Mechanical Specifications:

Item	Specification
Waveguide Port	WR-04 Waveguide with UG-387/U-M Precision Anti-Cocking Flange
Insertion Length	2.5"
Material	Brass
Finish	Gold Plated
Weight	1.6 oz.
Outline	WG-F04-A-R-2.5

#### ECCN

EAR99

#### FEATURES

- Frequency Coverage: 170 to 260 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss
- High Return Loss, 32 dB or higher

#### APPLICATIONS

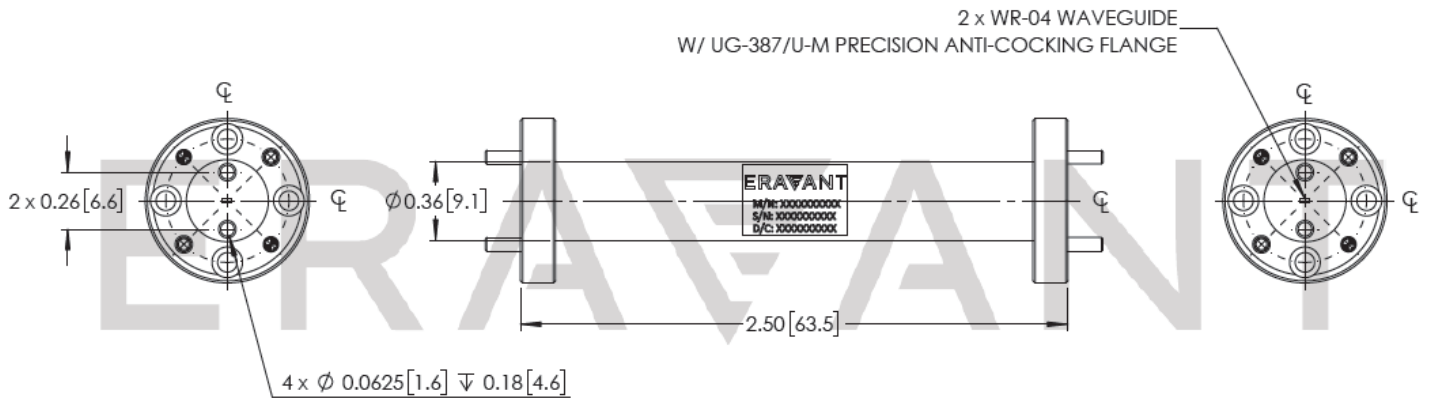
- Test Instrumentation
- Sub-assemblies

#### SUPPLEMENTAL DETAILS



## STQ-WG-04025-F1-A-R

**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches [millimeters])



**NOTE:**

- On condition that test data is provided it is collected from a sample lot. Actual data may vary slightly from unit to unit. All testing is performed under +25 °C room temperature.
- On condition that simulated test data is provided, actual measured data may slightly vary.
- Eravant reserves the right to change the information presented without notice.

**CAUTION:**

- If a waveguide is present, any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.