

## SWG-059010-FB

**0.059" Diameter Circular Waveguide Straight Section,  
1.0" Long**

**SWG-059010-FB** is a 1.0" long, Ø 0.059" circular waveguide straight with UG-387/U-M anti-cocking flanges. The straight waveguide is manufactured with a precision machining process to ensure high quality and ruggedness. The waveguide is offered to cover the frequency range of 140 to 160 GHz.

**Mechanical Specifications:**

Item	Specification
Waveguide Size	Ø 0.059" Circular Waveguide with UG-387/U-M Anti-Cocking Flange
Insertion Length	1.0"
Material	Brass
Finish	Gold Plated
Weight	0.8 Oz
Outline	WG-FD-059-A-L

**ECCN**

EAR99

**FEATURES**

- Frequency Range: 140 to 160 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

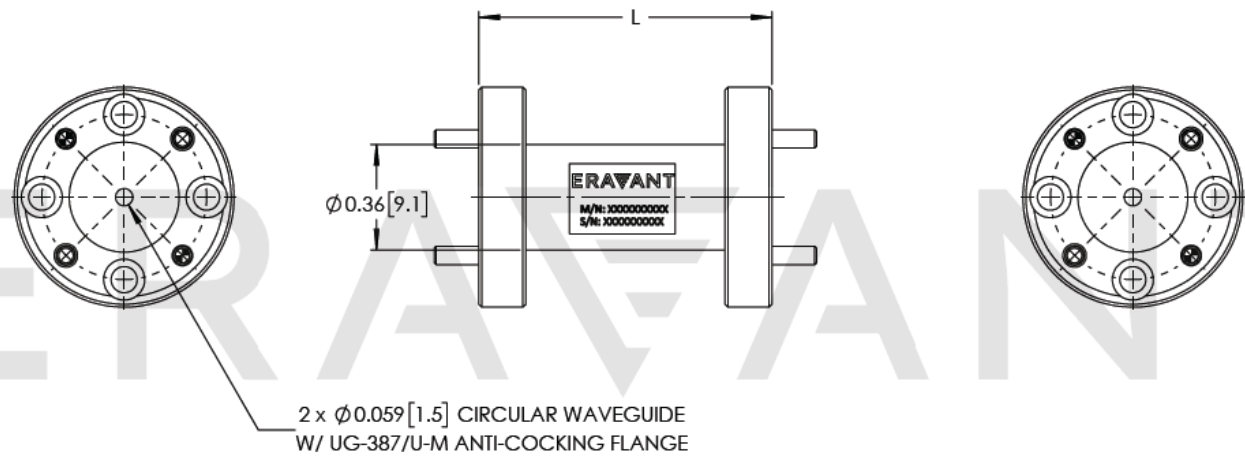
**APPLICATIONS**

- Test Instrumentation
- Sub-assemblies

**SUPPLEMENTAL DETAILS**

## SWG-059010-FB

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



NOTE:

LENGTH "L" IS CUSTOMIZABLE

**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.