

SWG-039010-FB

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

SWG-039010-FB is a 1.0" long, 0.039" Diameter Circular Waveguide straight section with UG-387/U-M Anti-Cocking flanges. The waveguide straight section is manufactured with a precision machining process to ensure high quality and ruggedness. The waveguide straight section is offered to cover the frequency range of 220 to 325 GHz.

**Mechanical Specifications:**

Item	Specification
Waveguide Size	Ø 0.039" 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-F03-039-A-L

ECCN

EAR99

FEATURES

- Frequency Range: 220 to 325 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

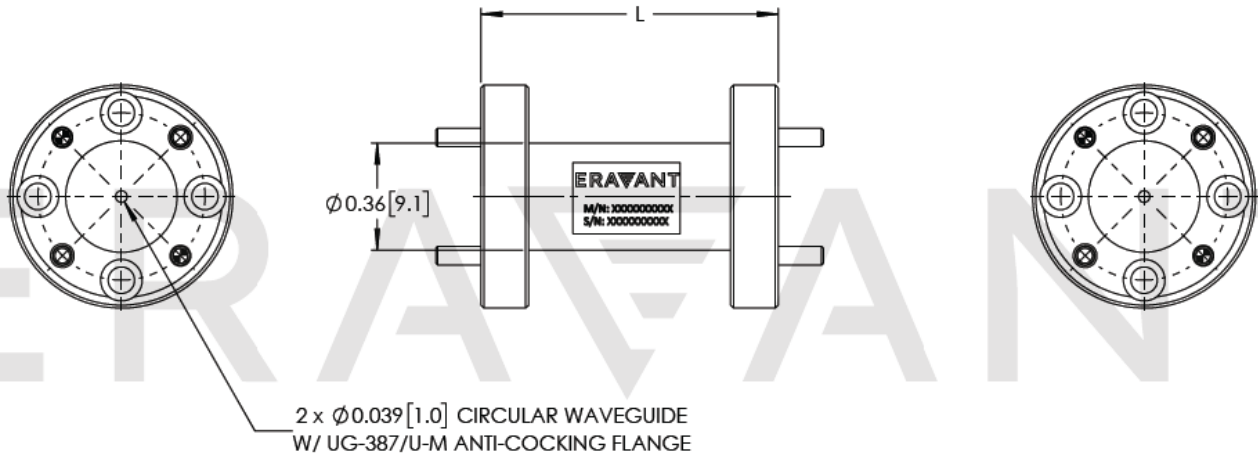
APPLICATIONS

- Test Instrumentation
- Sub-assemblies

SUPPLEMENTAL DETAILS

SWG-039010-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.