

## SWG-19015-FB

### WR-19 Straight Waveguide Section, 1.5"

**SWG-19015-FB** is a 1.5" long, U-band straight waveguide section with a WR-19 waveguide and UG-383/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 40 to 60 GHz.



#### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-19 Waveguide with UG-383/U-M Anti-Cocking Flange
Insertion Length	1.5"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.4 Oz
Outline	WG-FU-A-L

#### ECCN

EAR99

#### FEATURES

- Frequency Range: 40 to 60 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

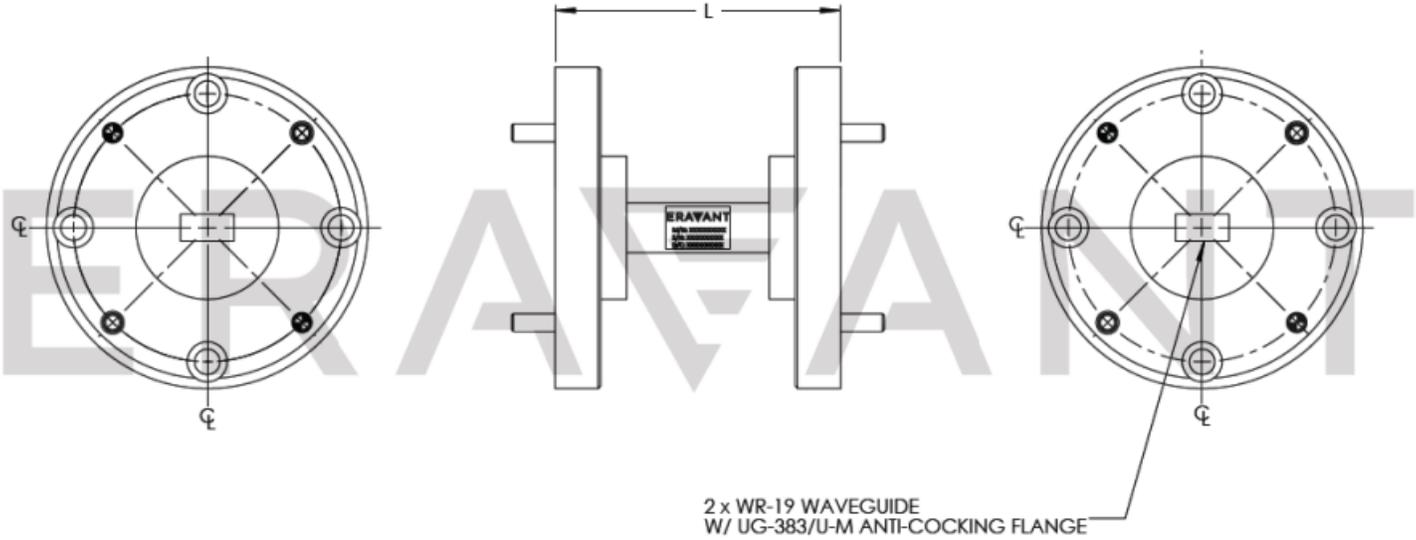
#### APPLICATIONS

- Test Instrumentation
- System Integration

#### SUPPLEMENTAL DETAILS

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**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.