

## SWG-22023-FB-2.25

### WR-22 Straight Waveguide Section, 2.25"

**SWG-22023-FB-2.25** is a 2.25" long, Q-band straight waveguide section with a WR-22 waveguide and UG-383/U 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 33 to 50 GHz.



#### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-22 Waveguide with UG-383/U Anti-Cocking Flange
Insertion Length	2.25"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.7 Oz
Outline	WG-FQ-A-L

#### ECCN

EAR99

#### FEATURES

- Frequency Range: 33 to 50 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

#### APPLICATIONS

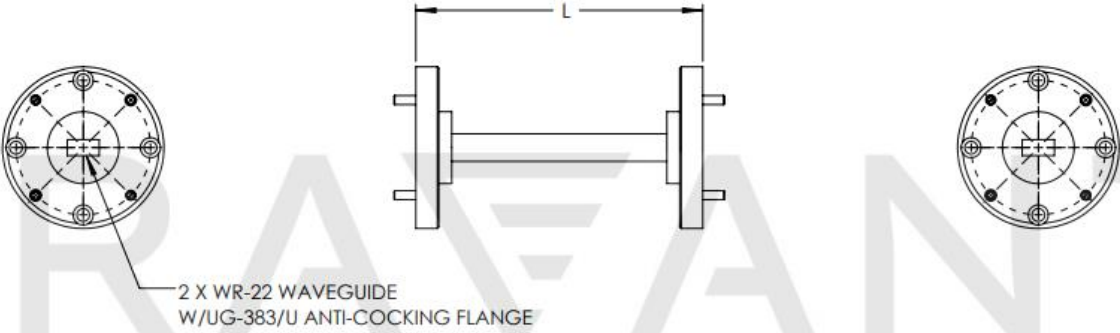
- Test Instrumentation
- Sub-assemblies

#### SUPPLEMENTAL DETAILS



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**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:**

- RF power should never exceed 100 mW.
- Forcing the micrometer down after encountering resistance may damage the resistive sheet inside. This will cause permanent performance degradation and decrease the long-term stability and repeatability of the device.
- If a waveguide is present, any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.