

## SWG-12020-FB

### WR-12 Straight Waveguide Section, 2"

**SWG-12020-FB** is a 2" long, E-band straight waveguide section with a WR-12 waveguide and UG-387/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 60 to 90 GHz.



#### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-12 Waveguide with UG-387/U Anti-Cocking Flange
Insertion Length	2.0"
Flange Material	Brass
Material	Copper
Finish	Gold Plated
Weight	0.78 Oz
Outline	WG-FE-A-L

#### ECCN

EAR99

#### FEATURES

- Frequency Range: 60 to 90 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

#### APPLICATIONS

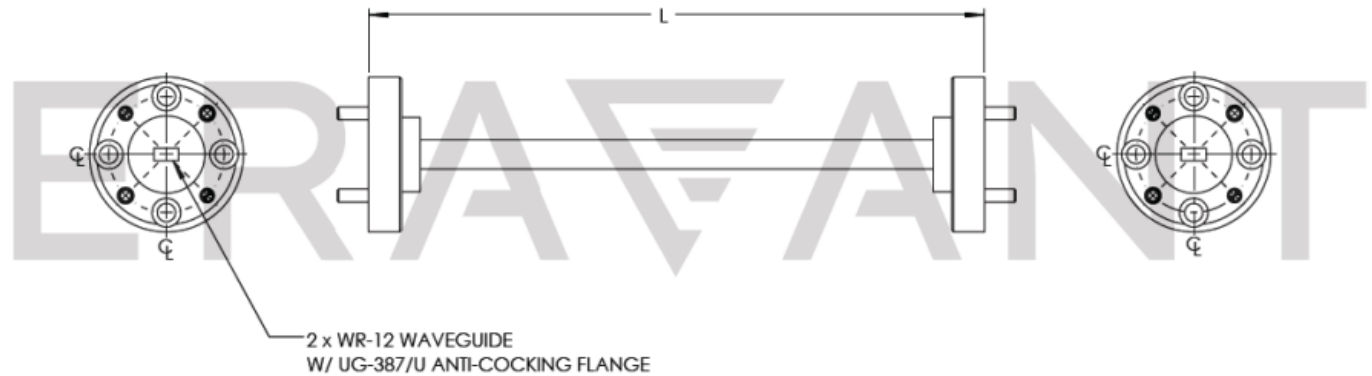
- Test Instrumentation
- Sub-assemblies

#### SUPPLEMENTAL DETAILS



## SWG-12020-FB

**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.