

SWG-08030-FB

WR-08 Straight Waveguide Section, 3"

SWG-08030-FB is a 3" long, F-band straight waveguide section with a WR-08 waveguide and 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 90 to 140 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-08 Waveguide with UG-387/U-M Anti-Cocking Flange
Insertion Length	3"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	0.8 Oz
Outline	WG-FF-A-L

ECCN

EAR99

FEATURES

- Frequency Range: 90 to 140 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

APPLICATIONS

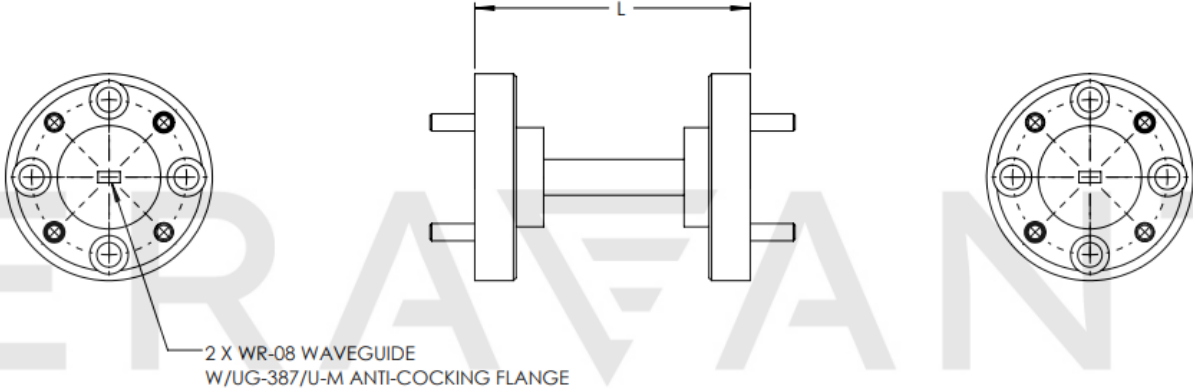
- Test Instrumentation
- Sub-assemblies

SUPPLEMENTAL DETAILS



SWG-08030-FB

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



NOTE:
LENGTH L IS CUSTOMIZABLE

NOTE:

- 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.
- For 1 mm connectors proper torque should be applied: 4.0 ± 0.15 inch-pounds (0.45 ± 0.02 Nm). Torque wrench model SCH-06004-S1 is highly recommended.
- For 1.35 mm, 1.85 mm, 2.4 mm, 2.92 mm, and SMA connectors proper torque should be applied: 8.0 ± 0.15 inch-pounds (0.90 ± 0.02 Nm). Torque wrench model SCH-08008-S1 is highly recommended.