

Waveguide Tunable Load, F Band

Description:

Model SWL-0820-T1 is an F band tunable waveguide load that covers the frequency range of 90 to 140 GHz. The tunable load is constructed with a linear bearing and high precision Mitutoyo micrometer to guarantee smooth, long term repeatable mechanical movements. The tunable load offers 26 dB typical return loss and up to +20 dBm RF power.



Features:

- High Return Loss
- Linear Bearing Configuration
- Mitutoyo Micrometer Driven

Applications:

- Test Labs
- Test Instrumentation
- System Calibration and Tuning

Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	90 GHz		140 GHz
Return Loss		26 dB	
Power Handling		0.1 W	
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

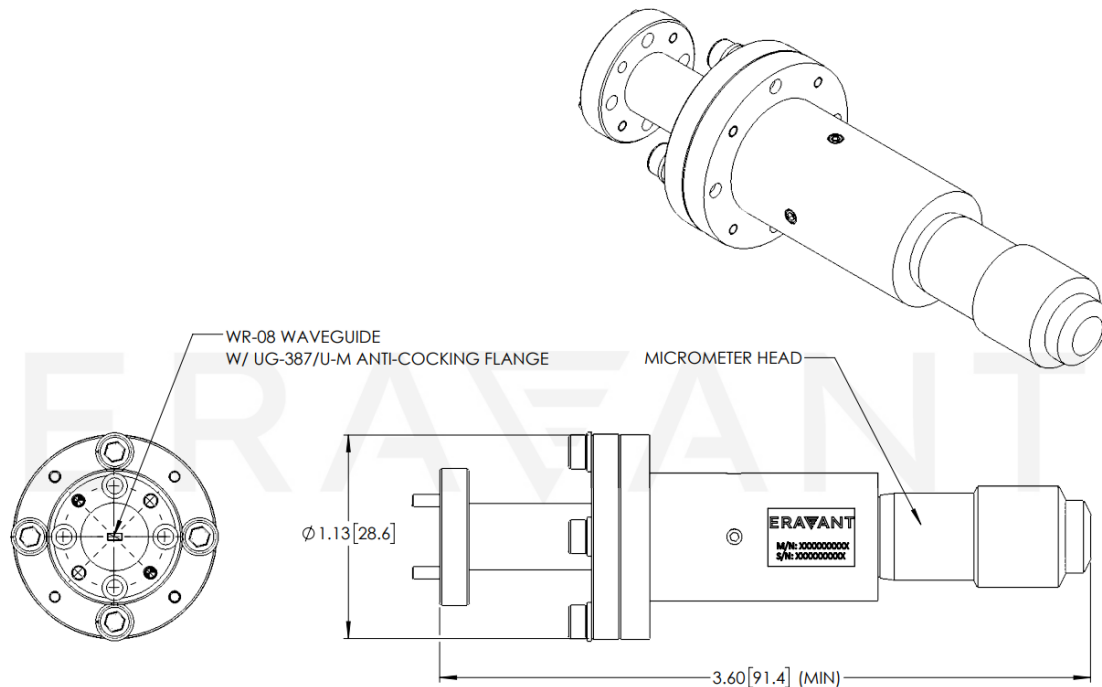
Mechanical Specifications:

Port	Specifications
Waveguide	WR-08 Waveguide with UG 387/U-M Anti-Cocking Flange
Waveguide Material	Brass
Finish	Gold Plated Waveguide; Black Anodized Handle
Weight	3.5 Oz
Outline	WL-FT-A



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



Note:

- Eravant reserves the right to change the information presented without notice.

Caution:

- Any foreign objects in the waveguide will degrade performance and/or damage the device.

