

Waveguide Tunable Load, D Band

Description:

Model SWL-0620-T1 is a D band tunable waveguide load that covers the frequency range of 110 to 170 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	110 GHz		170 GHz
Return Loss		26 dB	
Power Handling		0.1 W	
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

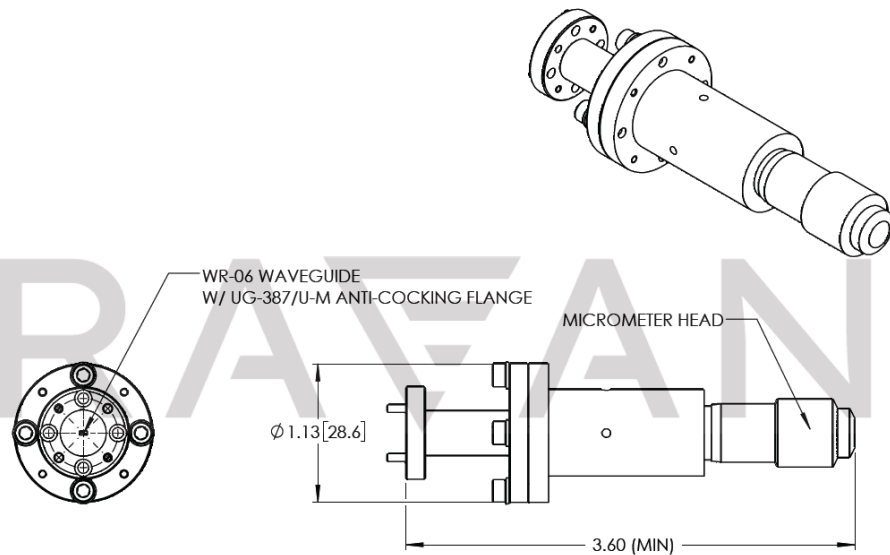
Mechanical Specifications:

Item	Specification
RF Port	WR-06 Waveguide with UG 387/U-M Anti-Cocking Flange
Flange Material	Brass
Finish	Gold Plated on Waveguide and Black Anodized on Holder
Weight	4.5 Oz
Outline	WL-DT-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.

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