

SWS-10-T1

WR-10 Waveguide Short, Tunable

SWS-10-T1 is a tunable waveguide short that covers the frequency range of 75 to 110 GHz. The tunable short is constructed with a linear bearing and high precision, Mitutoyo micrometer to guarantee smooth, long term repeatable mechanical movements. The tunable short is an ideal instrument for applications where phase variation is required. The tunable short offers a 20:1 typical VSWR.



Electrical Specifications:

| Parameter | Minimum | Typical | Maximum |
|---------------------------|---------|---------|---------|
| Frequency Range | 75 GHz | | 110 GHz |
| VSWR | | 20:1 | |
| Specification Temperature | | +25°C | |
| Operating Temperature | -40°C | | +85°C |

Mechanical Specifications:

| Item | Specification |
|---------------------------|--|
| Waveguide | WR-10 Waveguide with UG 387/U-M Flange |
| Waveguide Tube | Copper |
| Waveguide Flange Material | Brass |
| Finish | Gold Plated Waveguide; Black Anodized Handle |
| Weight | 3.5 Oz |
| Outline | WS-WT |

ECCN

EAR99

FEATURES

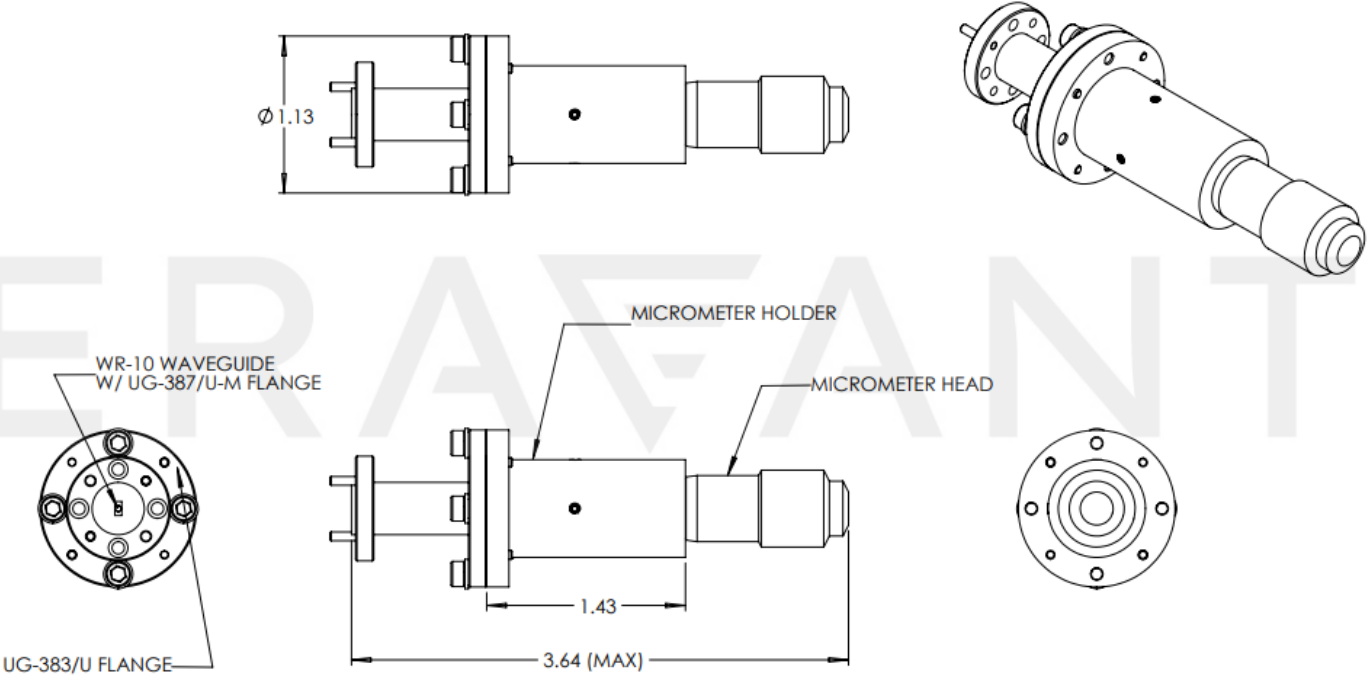
- High VSWR
- Linear Bearing Configuration
- Mitutoyo Micrometer Driven

APPLICATIONS

- Test Labs
- Test Instrumentation
- System Calibration and Tuning

SWS-10-T1

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



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.