



WR-19 Waveguide Open, Fixed

Description:

Model SWO-19-F1 is a fixed waveguide open with a UG-383/U-M flange covering the frequency range from 40 to 60 GHz. The product consists of a waveguide short (model number **SWS-QU-F1**) and a $\frac{1}{4} \lambda$ waveguide shim (model number **SWI-19076-SB**). The waveguide is 0.076" thick offering perfect open at the center frequency of 50 GHz when combined with the waveguide short. The product is manufactured with a precision machining process to ensure high quality and ruggedness. The open offers good reflection in the entire frequency range.



Features:

- Frequency Range: 40 to 60 GHz
- Good Reflectivity
- Instrumentation Grade

Applications:

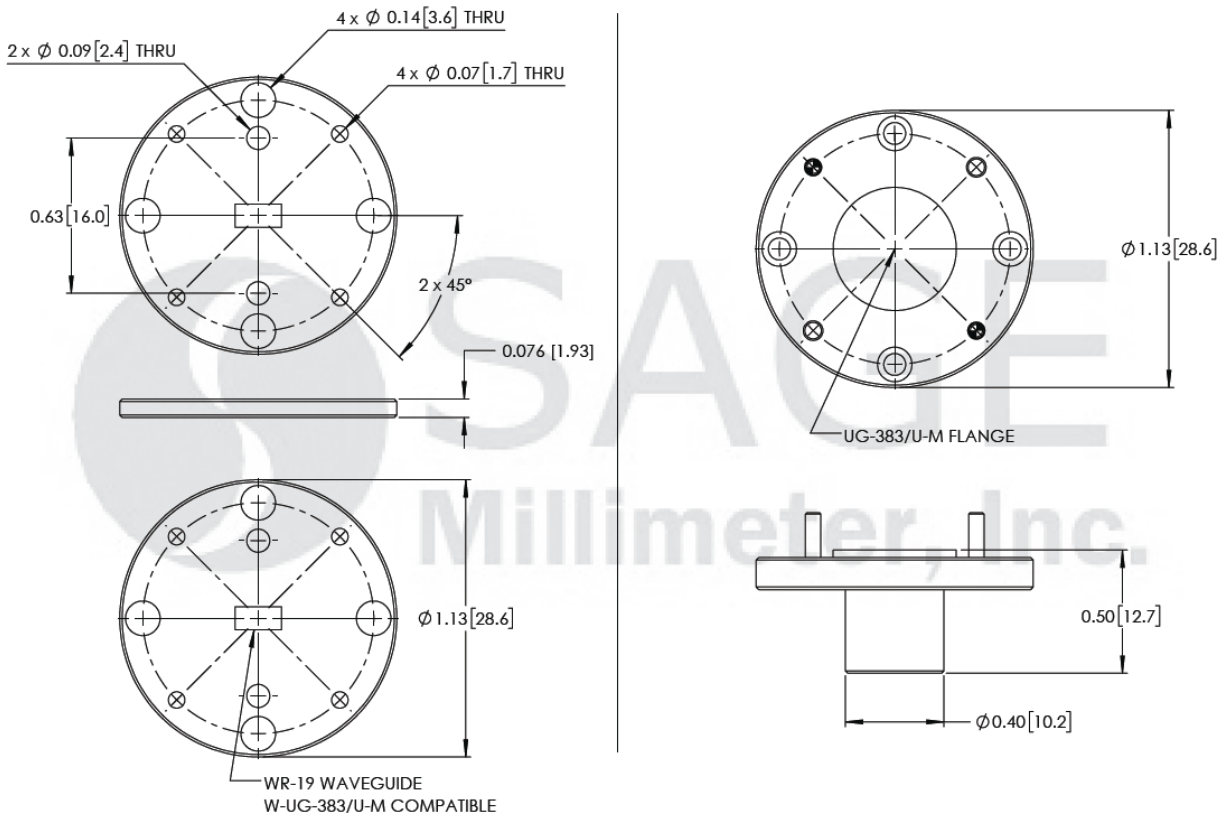
- Test Labs
- Test Instrumentation
- System Calibration

Mechanical Specifications:

| Item | Specifications |
|----------------------------|--|
| Waveguide | UG-383/U-M Flange |
| Waveguide Flange Material | Brass |
| Finish | Gold Plated |
| SWI-19076-SB Length | 0.076" (L) |
| Weight | 0.8 Oz (SWS-QU-F1) + 0.4 Oz (SWI-19076-SB) |
| Outline | WO-UF |

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



Note:

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.