

## WR-28 Waveguide Flange Adapter, 1"

### Description:

**SWR-383599-28-S1-WPC** is a 1" long, WR-28 waveguide flange adapter with a UG-383/U-M round flange on one end and a UG-599/U square flange on the other end. The flange waveguide adapter is manufactured with a precision machining process to ensure high quality and ruggedness. The waveguide adapter covers the frequency range from 26.5 to 40 GHz.



### Features:

- Frequency Range: 26.5 to 40 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

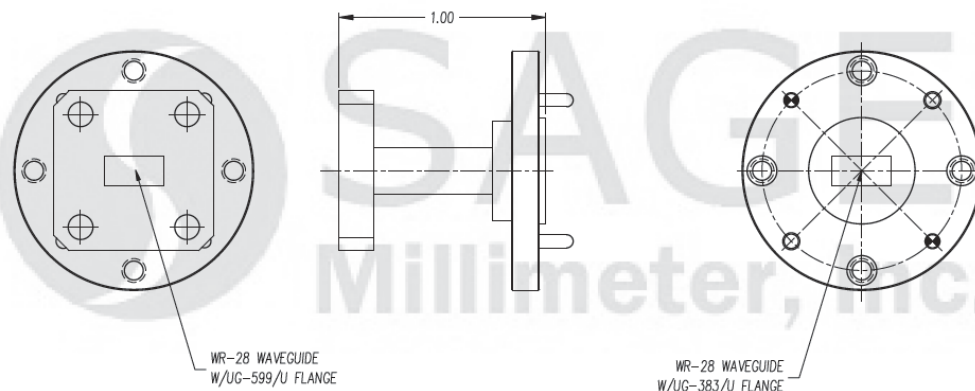
### Applications:

- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

| Item               | Specification                          |
|--------------------|----------------------------------------|
| Flange 1           | WR-28 Waveguide with UG-383/U-M Flange |
| Flange 2           | WR-28 Waveguide with UG-599/U Flange   |
| Insertion Length   | 1.0"                                   |
| Outline            | WR-A-AQ                                |
| Flange Material    | Brass                                  |
| Waveguide Material | Copper                                 |
| Finish             | Gold Plated                            |
| Weight             | 1.4 Oz                                 |

**Mechanical Outline:** (Unless otherwise specified, all dimensions are in inches)



### Note:

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



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