# SWG-12010-FB

Rev. 1.0

## WR-12 Straight Waveguide Section, 1”

### Description:



**SWG-12010-FB** is a 1” long, E-band straight waveguide section with a WR-12 waveguide and UG-387/U circular flanges. The straight waveguide is manufactured with a precision machining process to ensure high quality and ruggedness. The waveguide is offered to cover the frequency range of 60 to 90 GHz.

### Features:

- Frequency Range: 60 to 90 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

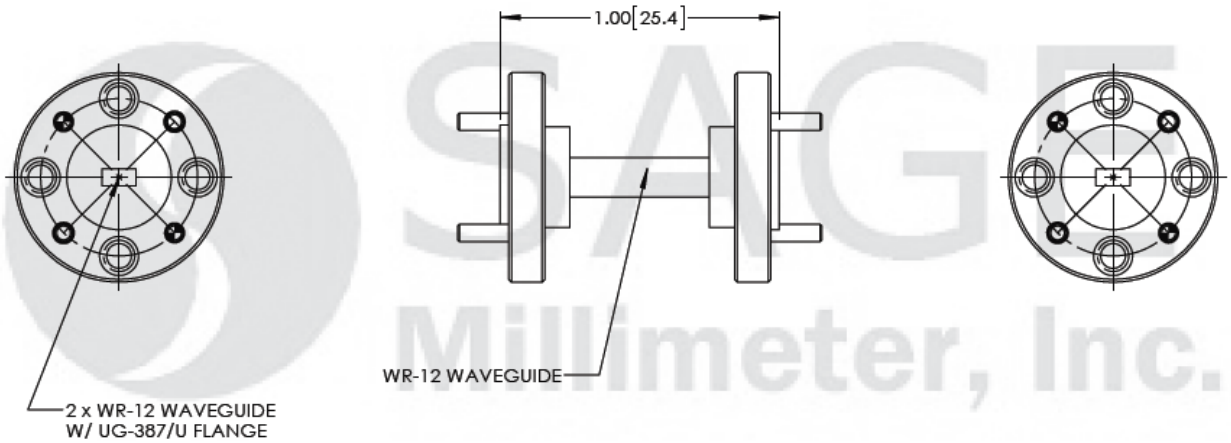
### Applications:

- Test Instrumentation
- Sub-assemblies

### Mechanical Specifications:

| Item | Specification |
|---|---|
| Waveguide Size | WR-12 Waveguide with UG-387/U Flange |
| Insertion Length | 1.0” |
| Flange Material | Brass |
| Waveguide Material | Copper |
| Finish | Gold Plated |
| Weight | 0.6 Oz |
| Outline | WG-FE |

### 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.

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