STQ-WG12025-F1-A-R

Rev. 1.0

WR-12 Straight Waveguide Section, 2.5”, Metrology Grade

Description:



STQ-WG12025-F1-A-R is a 2.5” long, E-band straight waveguide section with a WR-12 waveguide and UG-387/U precision circular flanges. The straight waveguide is designed and manufactured with a precision machining process to ensure high quality and ruggedness for metrology applications. The extended length and enhanced waveguide section are particularly considered for easy DUT (device under testing) connections and stress sustaining.

Features:

- Frequency Range: 60 to 90 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss
- High Return Loss, 32 dB or higher

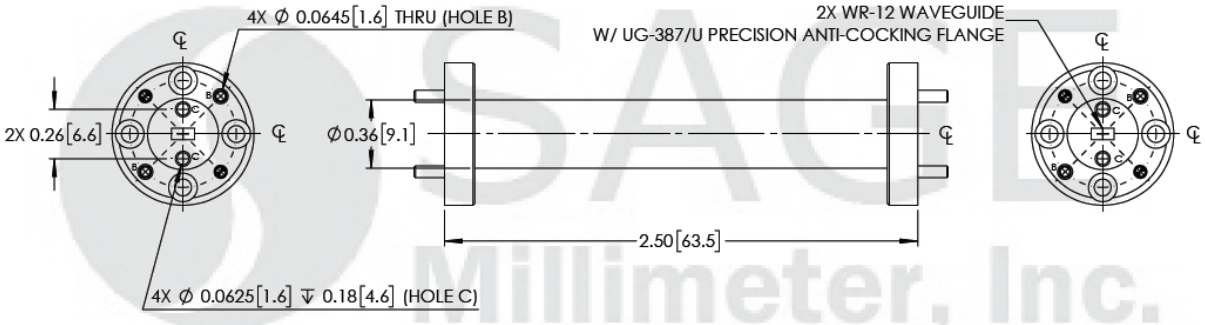
Applications:

- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

Item	Specification
Waveguide Port	WR-12 Waveguide with UG-387/U Anti-Cocking Precision Flange
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.6 Oz
Insertion Length	2.5”
Outline	WG-FE-A-R-2.5

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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