



WR-42 to Circular Waveguide Mode Transition, 0.368" Diameter

Description:

Model SWT-42368-SA is a WR-42 to 0.368" diameter circular waveguide mode transition. The mode transition is manufactured by either EDM machining or electro-forming techniques to ensure high accuracy and a quality surface finish. The transition only induces a fraction of a dB insertion loss and offers a return loss of 32 dB or better. The nominal operating frequency is 20 to 26.5 GHz.



Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

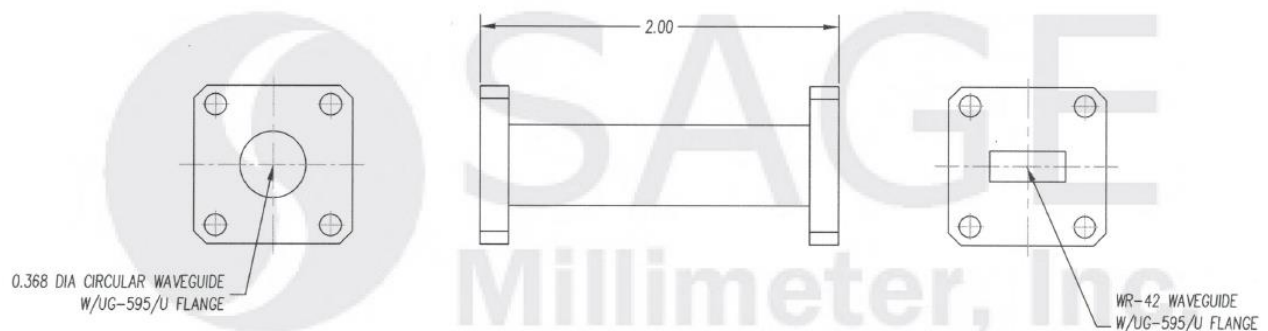
Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

Item	Specification
Waveguide Size	WR-42 Waveguide with UG-595/U Flange
Waveguide Size	0.368" Diameter Circular Waveguide with UG-595/U-M Flange
Material	Aluminum
Finish	Gold Plated
Weight	0.6 Oz
Insertion Length	2.0"
Outline	WT-KC-368

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



Note:

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.
- Other mechanical configurations are available under different model numbers.



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