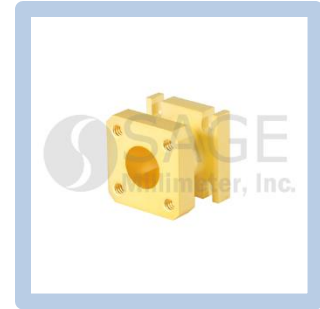




0.280" Square to 0.328" Diameter Circular Waveguide Mode Transition

Description:

Model SWT-280328-SA-C-QC is a 0.280" square to $\varnothing 0.328$ " 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 24 to 26.5 GHz. The dominate mode frequency range can be extended to cover 18 to 26.5 GHz if the higher order waveguide mode is not excited.



Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

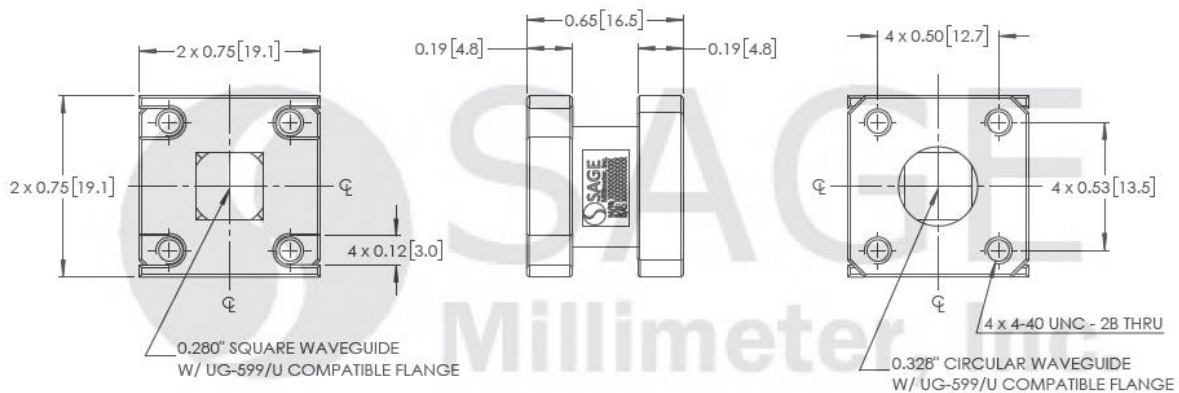
Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

Item	Specification
Square Waveguide	0.280" Square Waveguide with UG-599/U Flange
Circular Waveguide	$\varnothing 0.328$ " Circular Waveguide with UG-599/U Flange
Material	Aluminum
Finish	Gold Plated
Weight	0.8 Oz
Insertion Length	0.65"
Outline	WT-ASC-280-328-C

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.
- Other mechanical configurations are available under different model numbers.



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