



WR-51 to WR-42 Waveguide Taper Transition

Description:

Model SWT-5142-LA is a WR-51 to WR-42 rectangular waveguide taper transition. The taper 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 VSWR of 1.05:1 or better.



Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

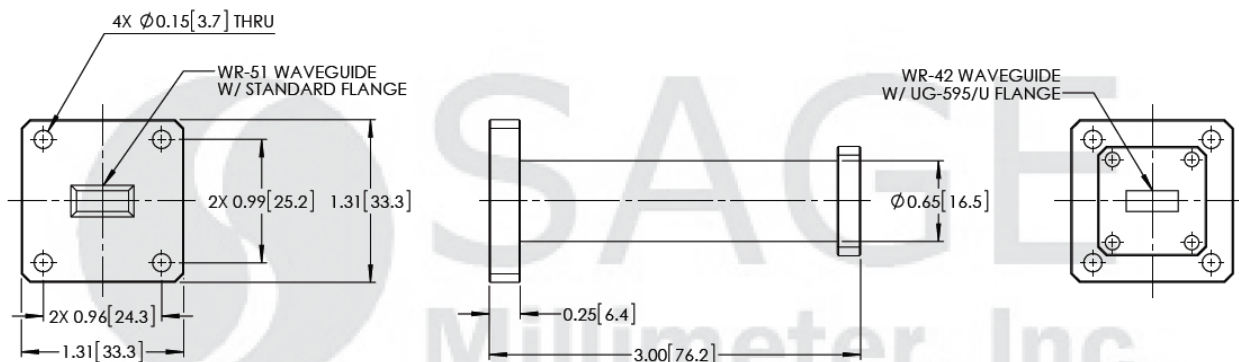
Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

Parameter	Connector
Waveguide	WR-51 Waveguide with Standard Flange
Waveguide	WR-42 Waveguide with UG-595/U Flange
Material	Aluminum
Finish	Silver Plated (Inner) and Black Paint (Outer)
Weight	3.5 Oz
Insertion Length	3"
Outline	WT-5K

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.

