

WR-90 to 0.900" Square Waveguide Mode Transition

Description:

Model SWT-90900-SA-Q is a WR-90 to 0.900" square waveguide mode transition. The mode transition is manufactured through 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 50 dB or better. The nominal operating frequency is 8.2 to 12.4 GHz.



Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

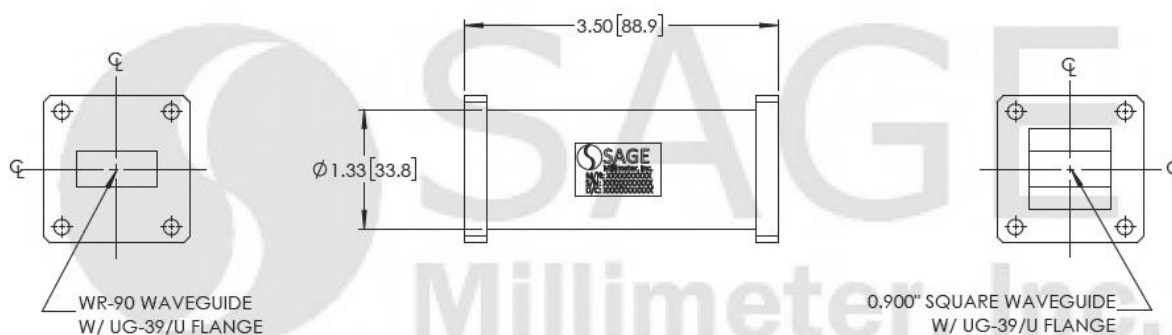
Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

Parameter	Connector
Waveguide Size	WR-90 Waveguide with UG-39/U Flange
Waveguide Size	0.900" Square Waveguide with UG-39/U-M Flange
Insertion Length	3.50"
Outline	WT-XS-900
Material	Aluminum
Finishing	Silver Plated (Inner) and Black Paint (Outer)
Weight	4.2 Oz

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.

