



WR-90 to Circular Waveguide Mode Transition, 0.797" Diameter

Description:

Model SWT-90797-SA is a WR-90 to 0.797" 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 VSWR of 1.05:1 or better. The nominal operating frequency is 9.97 to 12.4 GHz. The dominate mode frequency range can be extended to cover 9.0 to 12.4 GHz.



Features:

- Rugged Waveguide Configuration
- Low Insertion Loss
- Instrumentation Grade

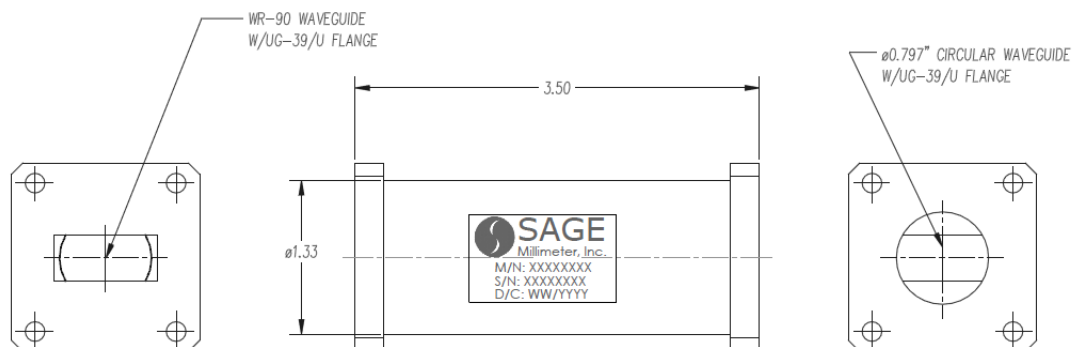
Applications:

- Test Labs
- Test Instrumentation
- Sub-assemblies

Mechanical Specifications:

Parameter	Connector
Waveguide Size - Rectangular	WR-90 Waveguide with UG-39/U Flange
Waveguide Size - Circular	Ø 0.797" Circular Waveguide with UG-39/U-M Flange
Insertion Length	3.50"
Outline	WT-XC-797
Material	Aluminum
Finishing	Silver Plated (Inner) and Black Paint (Outer)
Weight	4.2 Oz

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



Note:

- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.

