

F-Band Waveguide Termination Load, 0.5 Watts

Description:

Model SWL-0827-S1 is a low power, F-Band termination load that covers the frequency range of 90 to 140 GHz. The termination load exhibits a typical VSWR of 1.10:1. It is designed and manufactured to offer a good match for system applications. Custom levels of power handling are available under different model numbers.



Features:

- Full Waveguide Band Coverage
- Low VSWR
- Instrumentation Grade

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	90 GHz		140 GHz
VSWR		1.10:1	
Power Handling		0.5 W (CW)	1.0 W (CW)
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

Mechanical Specifications:

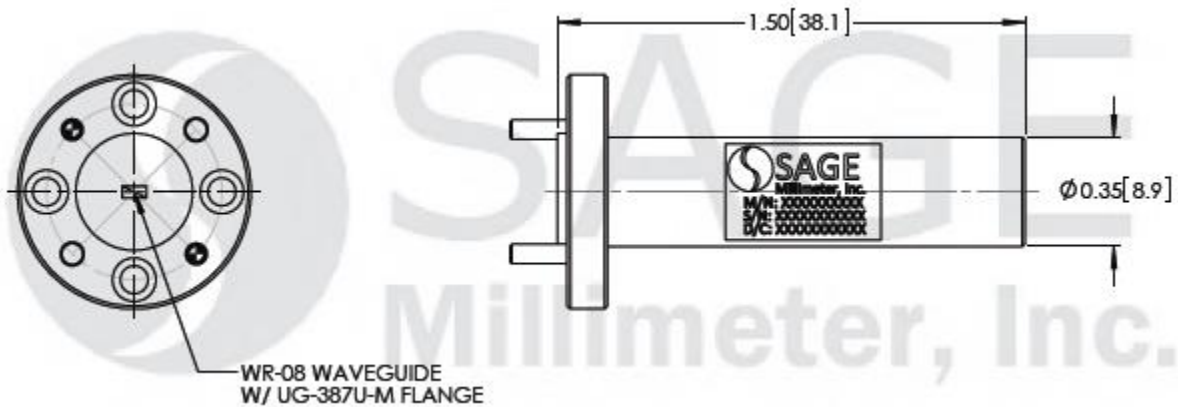
Item	Specification
Waveguide	WR-08 Waveguide
Flange	UG-387/U-M Flange
Size	1.50" (L) x 0.75" (Ø)
Material	Brass
Finish	Gold Plated
Weight	0.8 Oz
Outline	WL-FL





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



Note:

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

Caution:

- Exceeding absolute maximum ratings shown will damage the device.
- Any foreign objects in the waveguide will cause performance degradation and possible device damage.

