



## W-Band Waveguide Termination Load, 0.5 Watts

### Description:

**Model SWL-1027-S1** is a low power, W-Band termination load that covers the frequency range of 75 to 110 GHz. The termination load exhibits a typical VSWR of 1.05:1. 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	75 GHz		110 GHz
VSWR		1.05:1	
Power Handling		0.5 W (CW)	2.0 W (CW)
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

### Mechanical Specifications:

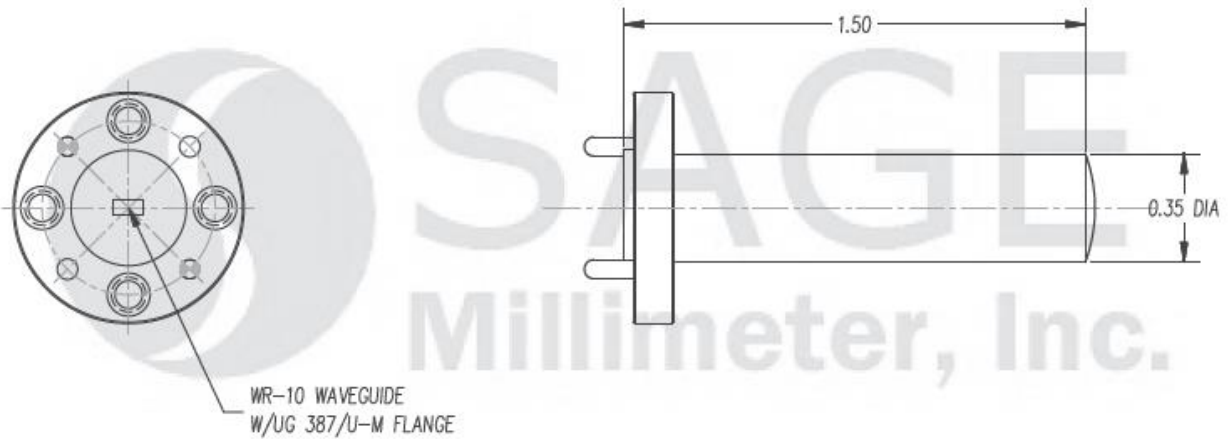
Item	Specification
Waveguide	WR-10 Waveguide
Flange	UG-387/U-M Flange
Material	Brass
Finish	Gold Plated
Weight	0.8 Oz
Length	1.50"
Outline	WL-WL





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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.

