

U-Band Waveguide Termination Load, 1.0 Watts

Description:

Model SWL-1930-S1 is a low power, U-Band termination load that covers the frequency range of 40 to 60 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	40 GHz		60 GHz
VSWR		1.05:1	
Power Handling		1.0 W (CW)	2 W (CW)
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

Mechanical Specifications:

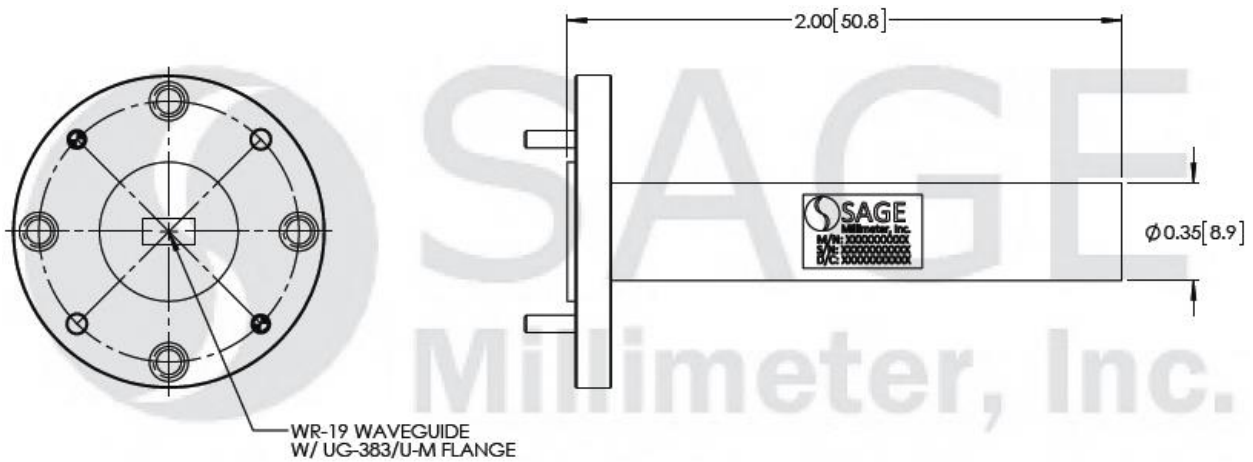
Item	Specification
Waveguide	WR-19 Waveguide
Flange	UG-383/U-M Flange
Size	2.00" (L) x 1.13" (Ø)
Waveguide Material	Brass
Finish	Gold Plated
Weight	1.3 Oz
Outline	WL-UL





U-Band Waveguide Termination Load, 1.0 Watts

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



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.

