

Ka-Band Waveguide Termination Load, 1000 Watts

Description:

Model SWL-2860-S1 is a high power, Ka-Band termination that covers the frequency range of 26.5 to 40 GHz. The termination load exhibits a typical return loss of 19 dB. 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 Return Loss
- Instrumentation Grade

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	26.5 GHz		40.0 GHz
Return Loss		19 dB	
CW Power Handling		900 W	1000 W
Pulse Power Handling*		1800 W	
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

*Duty cycle up to 40%

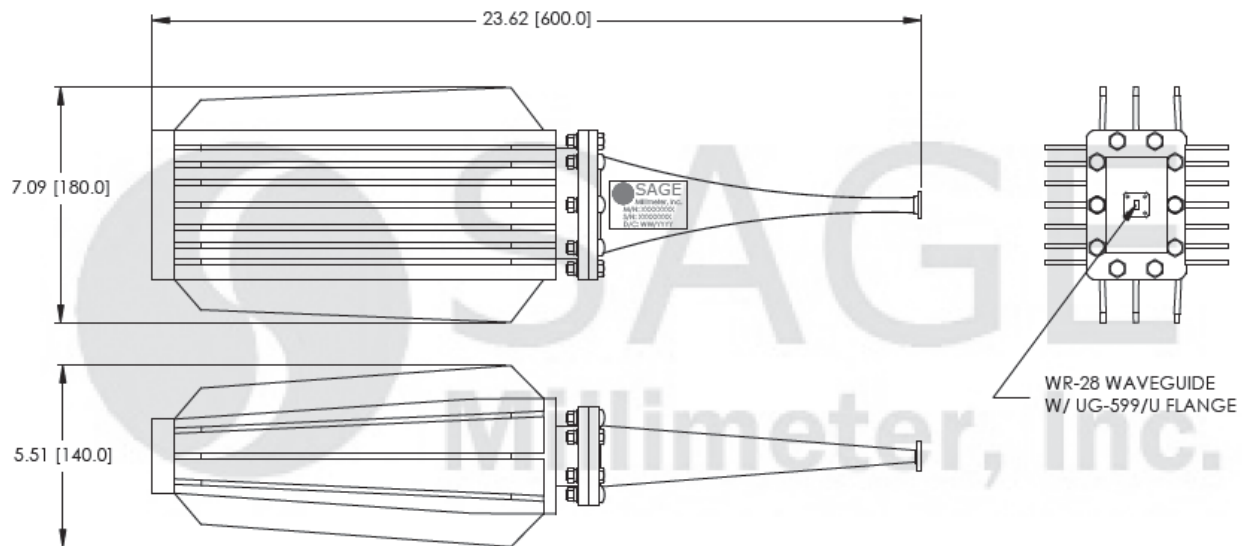
Mechanical Specifications:

Item	Specification
Waveguide	WR-28 Waveguide
Flange	UG-599/U Flange
Waveguide Material	Alloyed Copper
Waveguide Finish	Silver Plated
Heat Sink Finish	Anticorrosion Black Paint
Weight	20 lbs.
Size	23.62" (L) x 7.09" (W) x 5.51" (H)
Outline	WL-AH-1000



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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.

