

WR-51 Waveguide Termination Load, 500 Watts

Description:

Model SWL-5157-S6 is a high power, WR-51 termination load that covers the frequency range of 15 to 22 GHz. The termination load exhibits a typical return loss of 19 dB and 500 Watts power handling capacity. It is designed and manufactured to offer a good match for high power system applications. Various models with different power handling capacities are available.



Features:

- Full Waveguide Band Coverage
- High Power Handling Capacity
- 500 Watts CW

Applications:

- Higher Microwave Systems
- Sub-assemblies

Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	15 GHz		22 GHz
Return Loss		19 dB	
Average Power Handling			500 W (CW)
Peak Power Handling			1.5 KW
Specification Temperature		+25 °C	
Operating Temperature	-30 °C		+75 °C

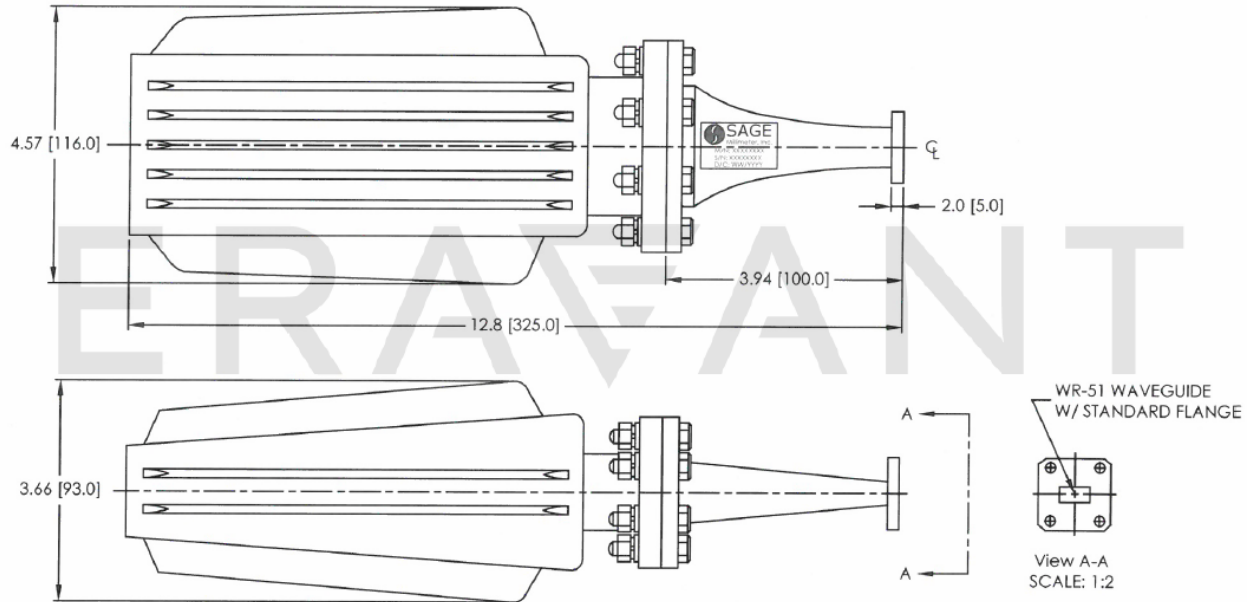
Mechanical Specifications:

Item	Specification
Waveguide	WR-51 Waveguide with Standard Flange
Waveguide Material	Aluminum
Surface Finish	Anticorrosion Black Paint
Weight	25 Lbs
Outline	WL-5H-500-H1



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



Note:

- Eravant 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.

