

SWL-4250-S8

K-Band Waveguide Termination Load, 100 Watts

SWL-4250-S8 is a high power, K-Band termination load that covers the frequency range of 18 to 26.5 GHz. The termination load exhibits a typical return loss of 22 dB and 100 Watts power handling capacity. It is designed and manufactured to offer a good match for high power test lab and system applications. Custom levels of power handling are offered under different model numbers.



Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	18 GHz		26.5 GHz
Return Loss		22 dB	
Power Handling			100 mW (CW)
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

Mechanical Specifications:

Item	Specification
RF Port	WR-42 Waveguide with UG-595/U Flange
Waveguide Material	Brass
Waveguide Finish	Gold Plated
Heatsink Material	Aluminum
Heatsink Finish	Black Anodized
Outline	WL-KH-100-SX1

ECCN

EAR99

FEATURES

- Full Waveguide Band Coverage
- High Return Loss
- Instrumentation Grade

APPLICATIONS

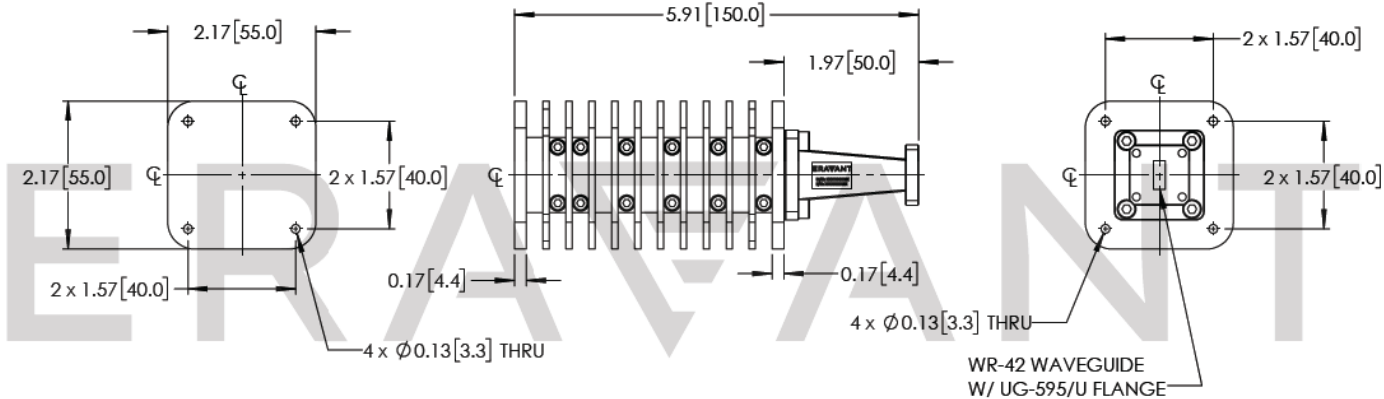
- Test Lab
- Instrumentations
- Sub-assemblies

SUPPLEMENTAL DETAILS



SWL-4250-S8

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.
- If a waveguide is present, any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.