

X-Band Waveguide Termination Load, 1,100 Watts

Description:

Model SWL-9060-S6 is a high power, X-Band termination load that covers the frequency range of 8.2 to 12.4 GHz. The termination load exhibits a typical return loss of 17 dB and 1,100 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
- 1,100 Watts CW
- 150 Kilowatts Peak

Applications:

- Higher Microwave Systems
- Sub-assemblies

Electrical Specifications:

| Parameter | Minimum | Typical | Maximum |
|---------------------------|---------|---------|----------------|
| Frequency | 8.2 GHz | | 12.4 GHz |
| Return Loss | | 17 dB | |
| Average Power Handling | | | 1,100 W (CW) |
| Peak Power Handling | | | 150 Kilo-Watts |
| Specification Temperature | | +25 °C | |
| Operating Temperature | -40 °C | | +85 °C |

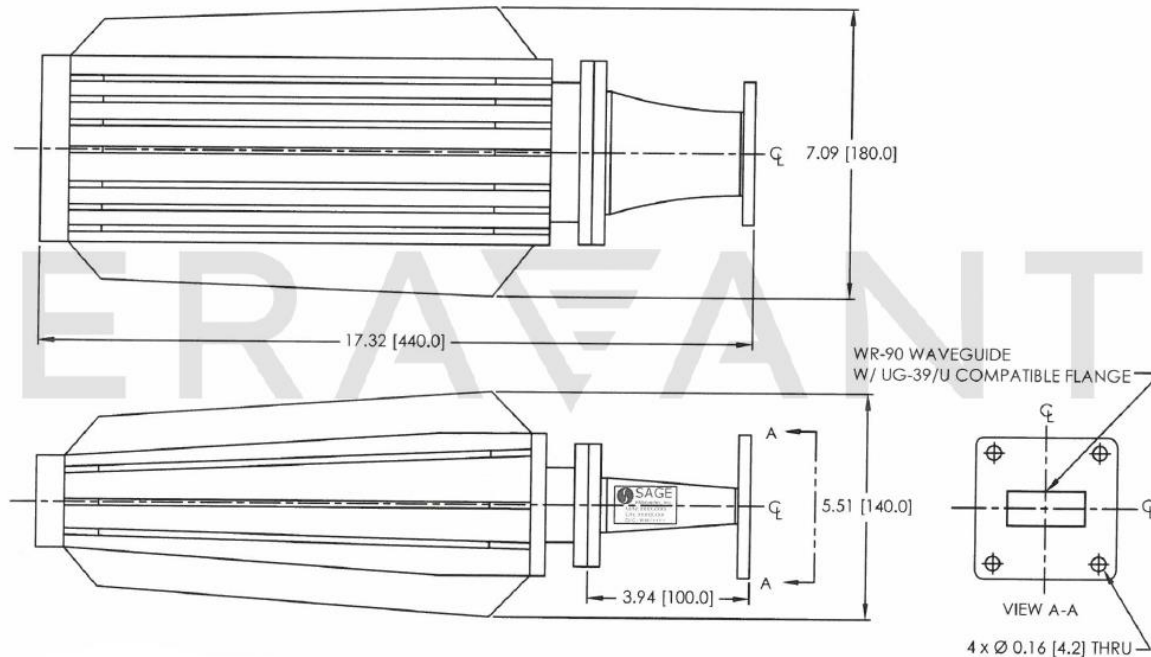
Mechanical Specifications:

| Item | Specification |
|--------------------|-------------------------------------|
| Waveguide | WR-90 Waveguide with UG-39/U Flange |
| Waveguide Material | Aluminum |
| Surface Finish | Anticorrosion Black Paint |
| Weight | 20 lbs. |
| Outline | WL-XH-1100-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.

