

D-Band Waveguide Termination Load, 5 Watts

Description:

Model SWL-0637-S1 is a medium power, D-Band termination load that covers the frequency range of 110 to 170 GHz. The termination load exhibits a typical VSWR of 1.10:1. 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

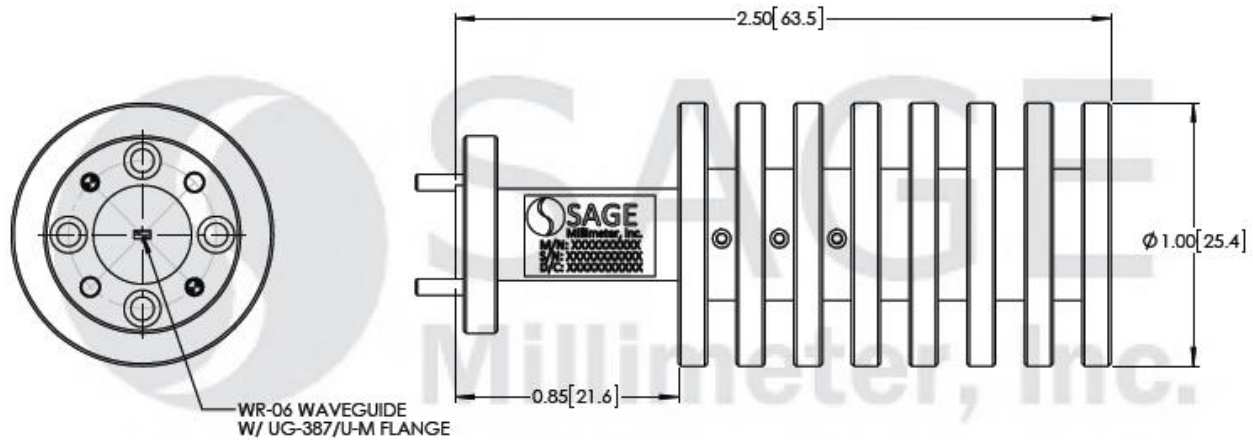
Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	110 GHz		170 GHz
VSWR		1.10:1	
Power Handling		5 W (CW)	6 W (CW)
Specification Temperature		+25°C	
Operating Temperature	-40°C		+85°C

Mechanical Specifications:

Item	Specification
Waveguide	WR-06 Waveguide
Flange	UG-387/U-M Flange
Size	2.50" (L) x 1.00" (Ø)
Waveguide Material	Brass
Waveguide Finish	Gold Plated
Heat Sink Finish	Black Anodized
Weight	2.0 Oz
Outline	WL-DM



D-Band Waveguide Termination Load, 5 Watts**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.

