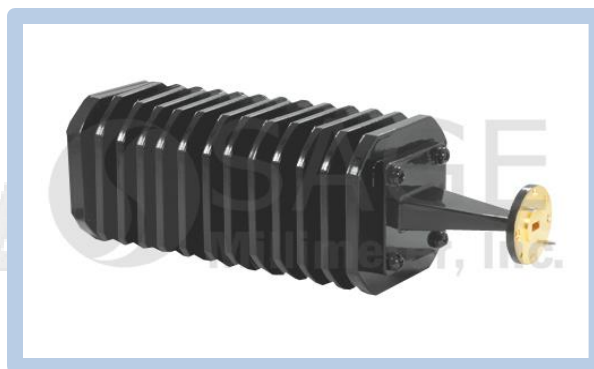


Q-Band Waveguide Termination Load, 40 Watts

Description:

Model SWL-2246-S1 is a medium power, Q-Band termination load that covers the frequency range of 33 to 50 GHz. The termination load exhibits a typical return loss of 32 dB and handles the power up to 45 Watts CW. It is designed and manufactured to offer a good match for test lab and system integrations. Custom levels of power handling are available under different model numbers.



Features:

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

Applications:

- 5G Systems
- Test Lab
- Instrumentations
- Sub-assemblies

Electrical Specifications:

Parameter	Minimum	Typical	Maximum
Frequency	33 GHz		50 GHz
Return Loss		32 dB	
Power Handling		40 W (CW)	45 W (CW)
Specification Temperature		+25 °C	
Operating Temperature	-40 °C		+85 °C

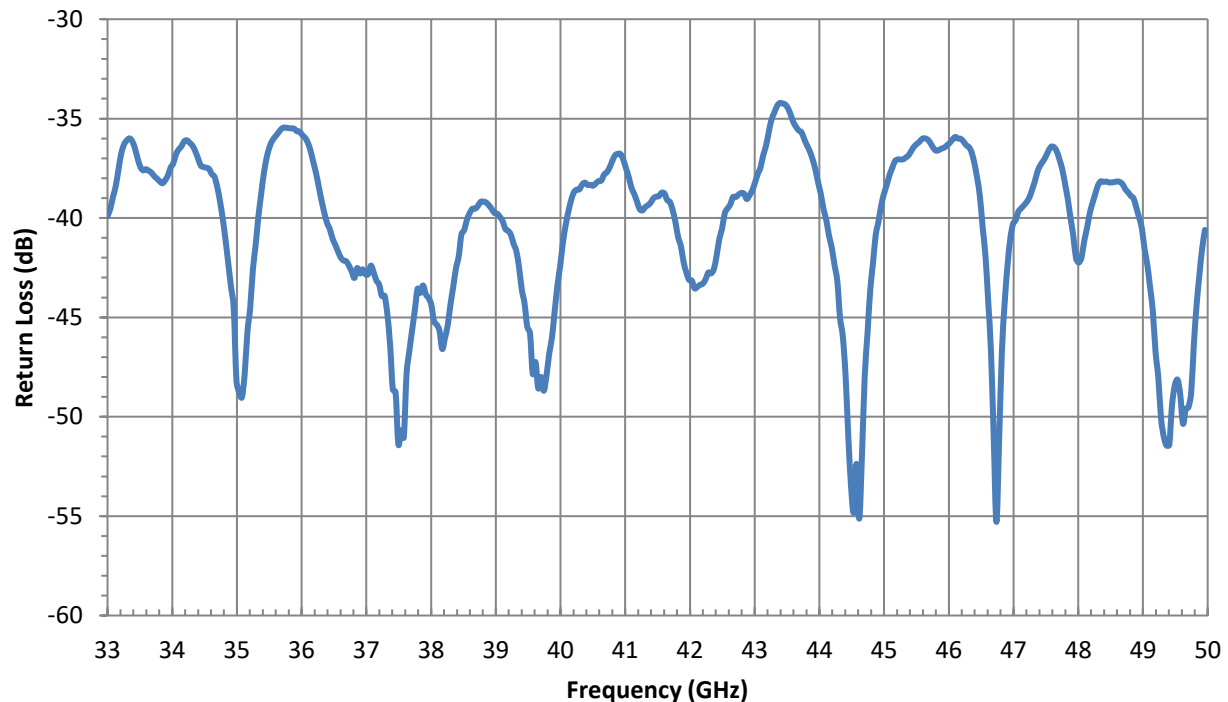
Mechanical Specifications:

Item	Specification
Waveguide	WR-22 Waveguide
Flange	UG-383/U Flange
Waveguide Material	Brass
Waveguide Finish	Gold Plated
Heatsink Material	Aluminum
Heat Sink Finish	Black Anodized
Weight	3.2 Oz
Size	3.15" (L) x 1.18" (W) x 1.18" (H)
Outline	WL-QH-40-BX1

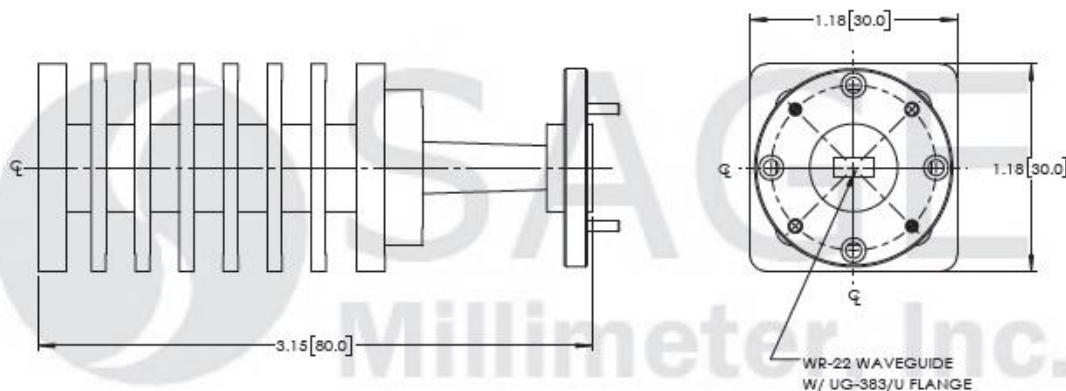


Q-Band Waveguide Termination Load, 40 Watts

Typical Return Loss vs. Frequency



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



Note:

- All data presented is collected from a sample lot. Actual data may vary unit to unit, slightly.
- All testing was performed under +25°C case temperature.
- SAGE Millimeter, Inc. reserves the right to change the information presented without notice.

Caution:

- Any foreign objects in the waveguide will degrade performance and/or damage the device.



www.sagemillimeter.com | 3043 Kashiwa Street, Torrance, CA 90505
 Phone: 424-757-0168 | Fax: 424-757-0188 | Email: sales@sagemillimeter.com