

SWI-42168-SB

WR-42 Waveguide Spacer, 168 Mils, 1/4 λ g

SWI-42168-SB is a 0.168" thick, 1/4 wavelength, instrumentation grade WR-42 Band waveguide spacer (shim) with WR-42 window and UG-595/U square flange. The spacer is manufactured with a precision machining process to ensure high quality and ruggedness. The spacer is offered to cover the frequency range of 18 to 26.5 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-42 Waveguide with UG-595/U Flange
Material	Brass
Finish	Gold Plated
Weight	0.7 Oz
Insertion Length	0.168"(L)
Outline	WI-KL

ECCN

EAR99

FEATURES

- Frequency Range: 18 to 26.5 GHz
- 1/4 Wavelength
- Low Insertion Loss
- Instrumentation Grade

APPLICATIONS

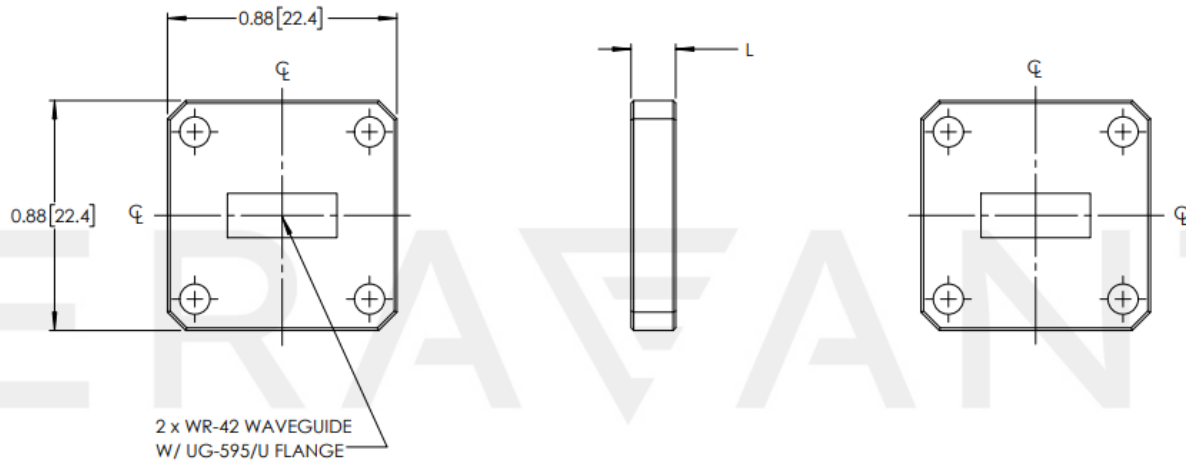
- Module Tuning
- Sub-assemblies
- Mechanical Fitting
- VNA Calibration

SUPPLEMENTAL DETAILS



SWI-42168-SB

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



NOTE:

- Length "L" is customizable.
- On condition that test data is provided it is collected from a sample lot. Actual data may vary slightly from unit to unit. All testing is performed under +25 °C room temperature.
- On condition that simulated test data is provided, actual measured data may slightly vary.
- Eravant reserves the right to change the information presented without notice.

CAUTION:

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