

SWB-42090-HB-1.0

WR-42 H-Plane Waveguide Bend, 90°, 1”

SWB-42090-HB-1.0 is a 90 degree, WR-42 H-plane waveguide bend with UG-595/U square flanges. The bend radius is 1.0”. The waveguide bend is manufactured through a precision machining process to ensure high quality and ruggedness. The waveguide 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 Flanges
Bend Plane	H Plane
Bend Angle	90 Degrees
Bend Radius	1.0”
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.7 Oz
Outline	WB-HK-1.0

ECCN

EAR99

FEATURES

- Frequency Coverage: 18.0 to 26.5 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

APPLICATIONS

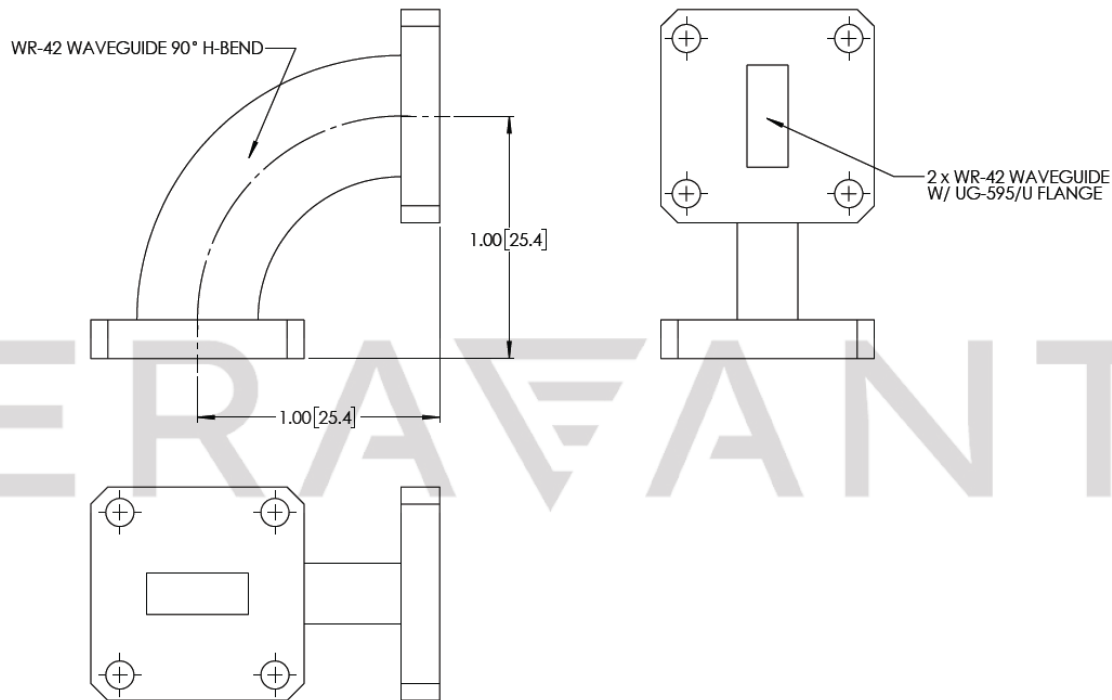
- Test Instrumentation
- Sub-assemblies
- Lab Use

SUPPLEMENTAL DETAILS



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



NOTE:

- 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.