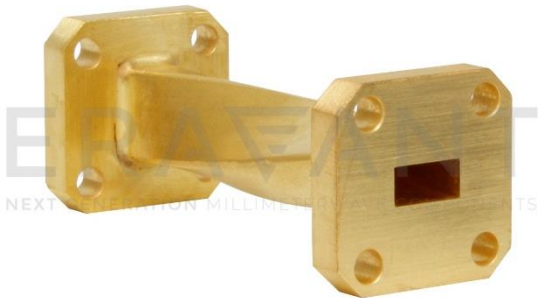


SWB-42045R-TB

WR-42 Waveguide Twist, 45° Right-Handed

**SWB-42045R-TB** is a 45 degree, WR-42 right-handed waveguide twist with UG-595/U square flanges. The length of the twist is 2.5". The waveguide twist 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
Twist Angle	45 Degrees
Twist Orientation	Right-Handed
Insertion Length	2.5"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	1.25 Oz
Outline	WB-TK-5R

ECCN

EAR99

FEATURES

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

APPLICATIONS

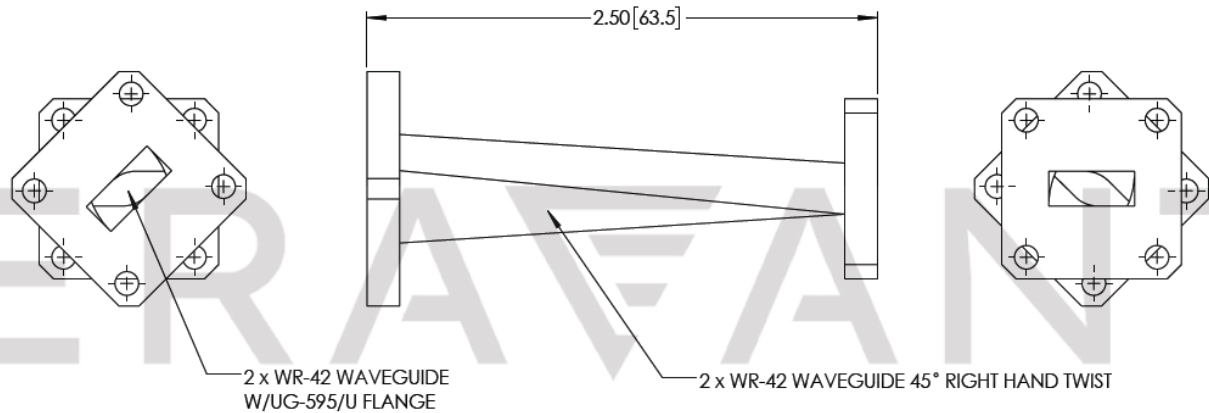
- Test Instrumentation
- Sub-assemblies
- Lab Use

SUPPLEMENTAL DETAILS



SWB-42045R-TB

**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.