

SWB-10045R-TB

WR-10 Waveguide Twist, 45° Right-Handed, 1.25"

SWB-10045R-TB is a 45 degree, WR-10 right-handed waveguide twist with UG-387/U-M flanges. The length of the twist is 1.25". 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 75 to 110 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-10 Waveguide with UG-387/U-M Flanges
VSWR	1.10:1 (Max)
Twist Angle	45 Degrees
Twist Orientation	Right-Handed
Insertion Length	1.25"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	0.6 Oz
Outline	WB-TW-5R

ECCN

EAR99

FEATURES

- Frequency Coverage: 75 to 110 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

APPLICATIONS

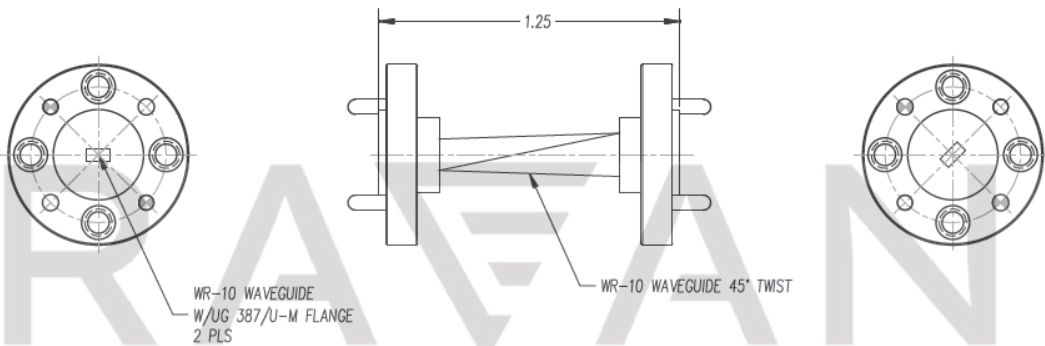
- Test Instrumentation
- Sub-assemblies
- Lab Use

SUPPLEMENTAL DETAILS



SWB-10045R-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.