

SWB-03045R-TB-1.5

WR-03 Waveguide Twist, 45° Right-Handed, 1.5” Long

SWB-03045R-TB-1.5 is a 45 degree, WR-03 right-handed waveguide twist with UG-387/U-M anti-cocking flanges. The length of the twist is 1.5”. 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 220 to 330 GHz.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-03 Waveguide with UG-387/U-M Anti-Cocking Flange
Twist Angle	45°
Twist Orientation	Right-Handed
Insertion Length	1.5”
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Outline	WB-T03-5R-A-L

ECCN
EAR99

FEATURES

- Frequency Range: 220 to 330 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

APPLICATIONS

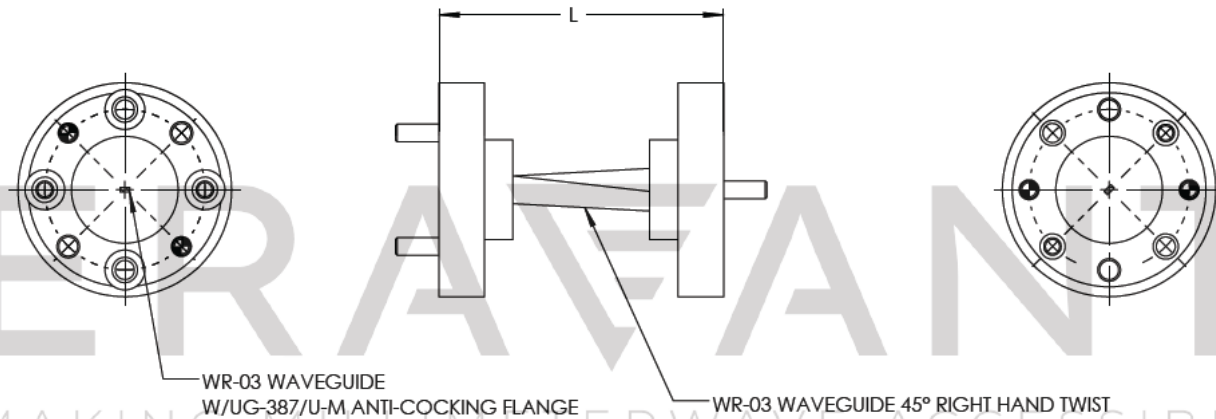
- Test Instrumentations
- Sub-assemblies
- Lab Use

SUPPLEMENTAL DETAILS



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



NOTE:

- Eravant reserves the right to change the information presented without notice.

CAUTION:

- Any foreign objects in the waveguide will cause performance degradation and may damage or destroy the unit.
- For 1 mm connectors proper torque should be applied: 4.0 ± 0.15 inch-pounds (0.45 ± 0.02 Nm). Torque wrench model SCH-06004-S1 is highly recommended.
- For 1.35 mm, 1.85 mm, 2.4 mm, 2.92 mm, and SMA connectors proper torque should be applied: 8.0 ± 0.15 inch-pounds (0.90 ± 0.02 Nm). Torque wrench model SCH-08008-S1 is highly recommended.