

## SWB-15090-TB

### WR-15 Waveguide Twist, 90°

**SWB-15090-TB** is a 90 degree, WR-15 waveguide twist with UG-385/U anti-cocking 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 50 to 75 GHz.



### Mechanical Specifications:

Item	Specification
Waveguide Size	WR-15 Waveguide with UG-385/U Anti-Cocking Flange
Twist Angle	90°
Insertion Length	1.25"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	0.7 Oz
Outline	WB-TV-A

#### ECCN

EAR99

#### FEATURES

- Frequency Range: 50 to 75 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

#### APPLICATIONS

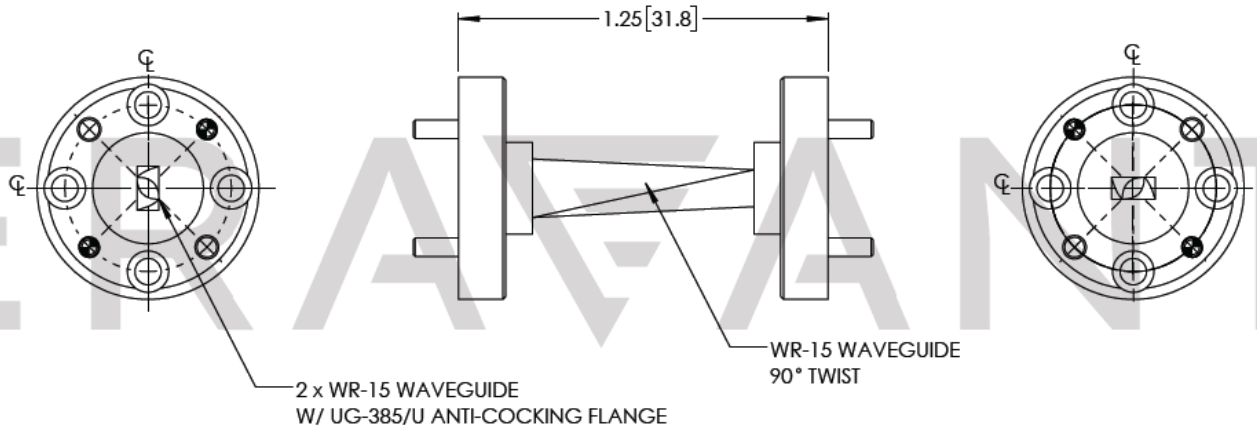
- Test Instrumentation
- Sub-assemblies
- Lab Use

#### SUPPLEMENTAL DETAILS



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



### NOTE:

- 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.
- For 1 mm connectors proper torque should be applied:  $4.0 \pm 0.15$  inch-pounds ( $0.45 \pm 0.02$  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:  $8.0 \pm 0.15$  inch-pounds ( $0.90 \pm 0.02$  Nm). Torque wrench model [SCH-08008-S1](#) is highly recommended