

SWB-15090-TB-WP

WR-15 Waveguide Twist, 90°

SWB-15090-TB-WP is a 90 degree, WR-15 waveguide twist with UG-385/U 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 Flange
Twist Angle	90°
Insertion Length	1.25"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	0.7 Oz
Outline	WB-TV

ECCN

EAR99

FEATURES

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

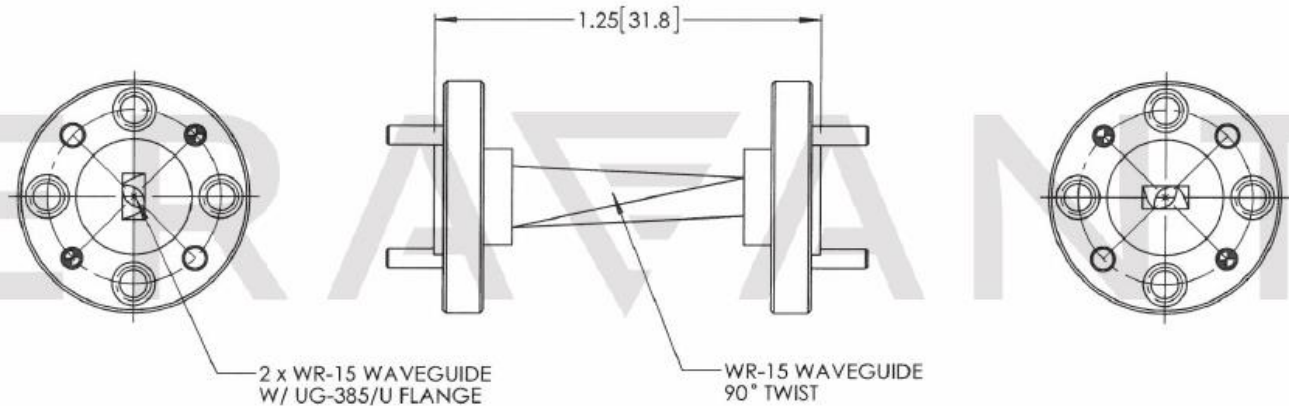
APPLICATIONS

- Test Instrumentation
- Sub-assemblies
- Lab Use

SUPPLEMENTAL DETAILS



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 ± 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