

SWB-15090-TB-1.0

WR-15 Waveguide Twist, 90°, 1”

SWB-15090-TB-1.0 is a 90 degree, WR-15 waveguide twist with UG-385/U anti-cocking flanges. The length of the twist is 1.0". 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. Additional lengths may be available in stock, please contact us to inquire further.



Mechanical Specifications:

Item	Specification
Waveguide Size	WR-15 Waveguide with UG-385/U Anti-Cocking Flange
Twist Angle	90°
Insertion Length	1.0"
Flange Material	Brass
Waveguide Material	Copper
Finish	Gold Plated
Weight	0.7 Oz
Outline	WB-TV-A-L

ECCN

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FEATURES

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

APPLICATIONS

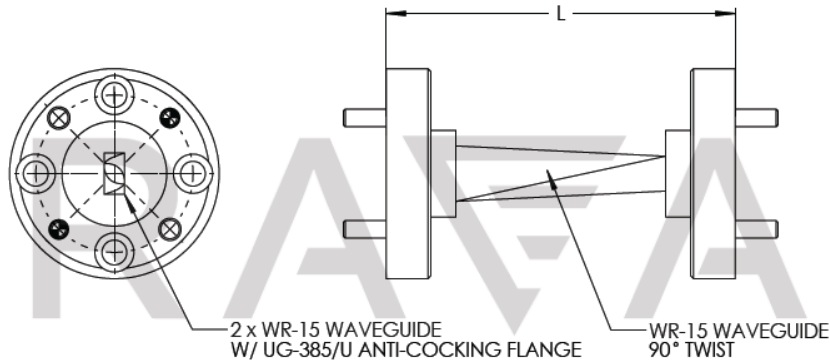
- Test Instrumentation
- Sub-assemblies
- Lab Use

SUPPLEMENTAL DETAILS



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



NOTE:

- LENGTH "L" IS CUSTOMIZABLE

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