Suzhou Talent Microwave,Inc
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V-Band Compact Waveguide Twist

WR-15/50.5-75GHz/Twist Bend/19.1mm

Model: TLTB-050075-15-B

TLTB-050075-15-B is a WR-15, 90°, compact waveguide twist with a UG-385/U-M flange on one end.The opposite end is compatible with a UG-385/U-M flange. The overall length of the twist is 19.1 mm. The waveguide twist is manufactured through a precision machining process to ensure high quality and ruggedness. The waveguide twist is offered to cover the frequency range of 50.5 to 75 GHz.

Features:

- Frequency Coverage: 50.5 to 75 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss
- Compact Size

Applications:

- Test Instrumentation
- Sub-assemblies
- Lab Use

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency range	50.5		75	GHz
Insertion Loss		0.3		dB
Return Loss		-20		dB
Specification Temperature		25		℃

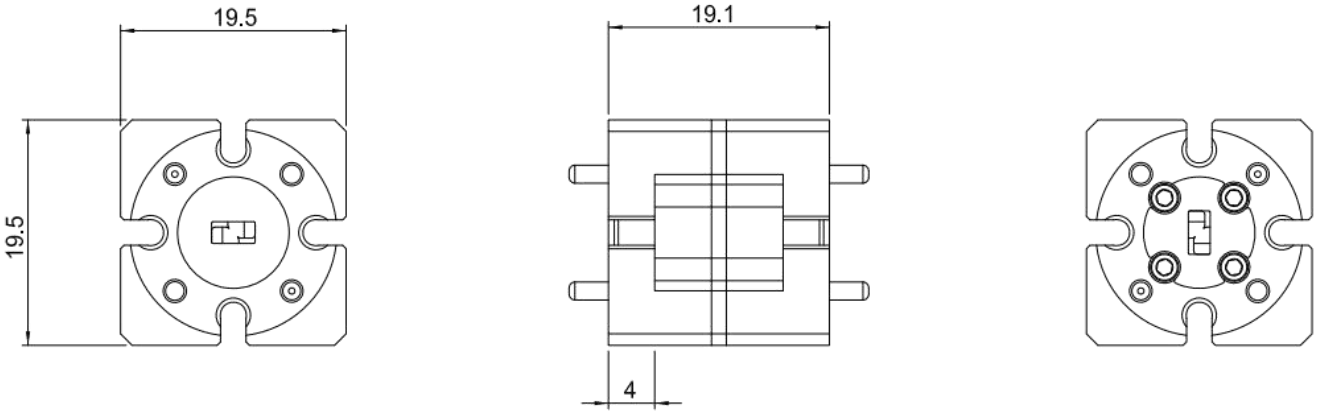
Mechanical Specifications:

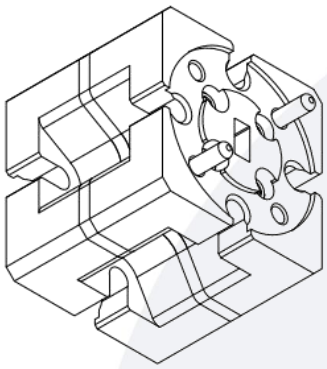
Parameter	Value	Units
Operating Temperature	-40~+85	℃
Waveguide Connector	WR-15/UG-385/U-M	
Twist Angle	90	°
Material	Brass	
Size	19.5*19.5*19.1	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm





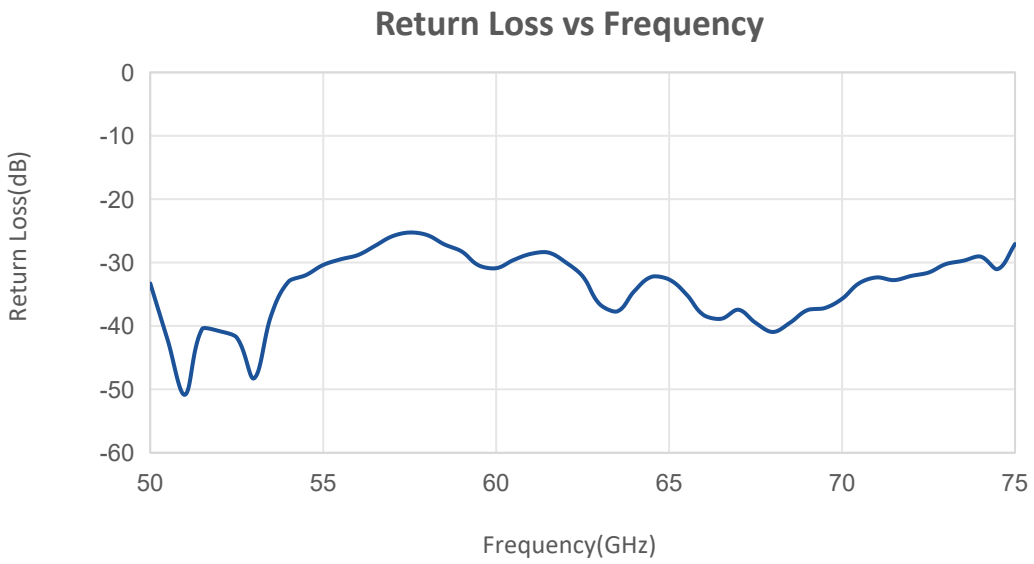
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

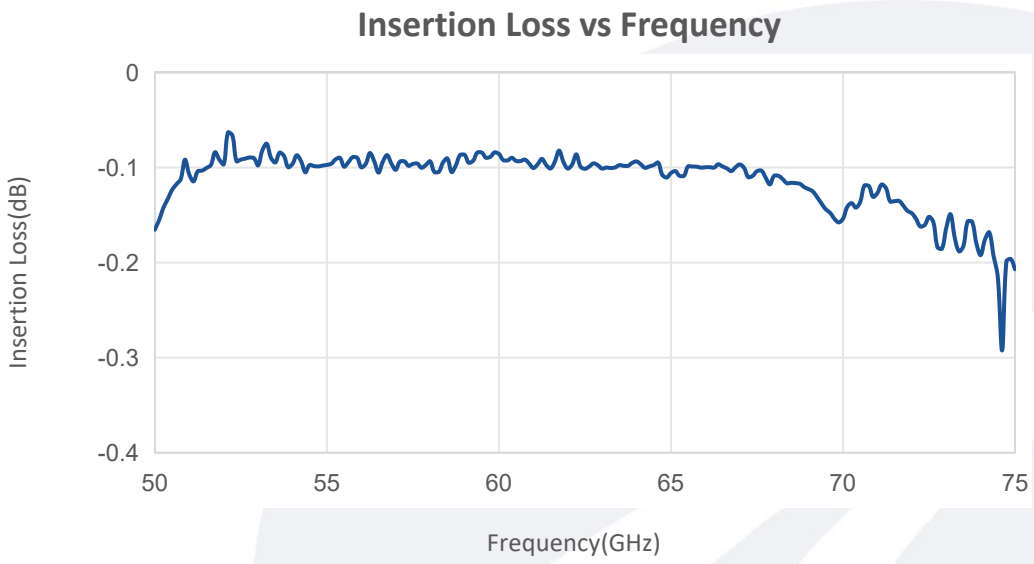
Ordering Information:

Base Number	Description	Revision
TLTB-050075-15-B	50.5-75GHz Compact Waveguide Twist WR-15,Twist Bend	Rev.1.1

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Typical Performance Data:





Note: Above data is for ref only, actual data may vary from unit to unit depending on operating environment and other factors like material lots etc.