泰莱微波
Talent Microwave

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F-Band Compact Waveguide Twist

WR-08/90-140GHz/Twist Bend/16.7mm

Model: TLTB-090140-8-B

TLTB-090140-8-B is a WR-08, 90°, compact waveguide twist with a UG-387/U-M flange on one end.The opposite end is compatible with a UG-387/U-M flange. The overall length of the twist is 16.7 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 90 to 140 GHz.

Features:

- Frequency Coverage: 90 to 140 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	90		140	GHz
Insertion Loss		0.3		dB
Return Loss		-20		dB
Specification Temperature		25		℃

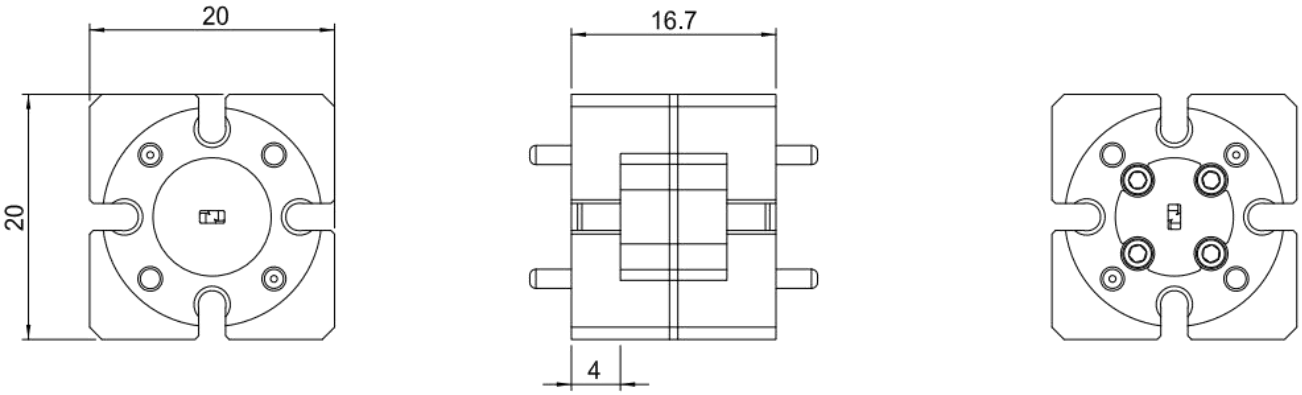
Mechanical Specifications:

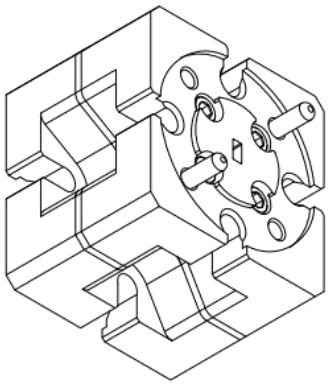
Parameter	Value	Units
Operating Temperature	-40~+85	℃
Waveguide Connector	WR-08/UG-387/U-M	
Twist Angle	90	°
Material	Brass	
Size	20*20*16.7	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm





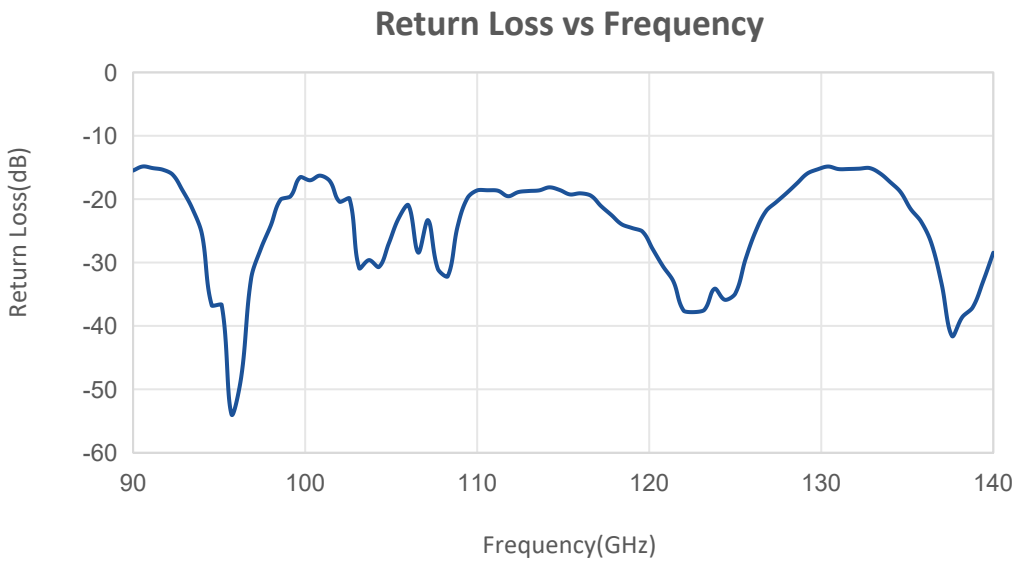
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

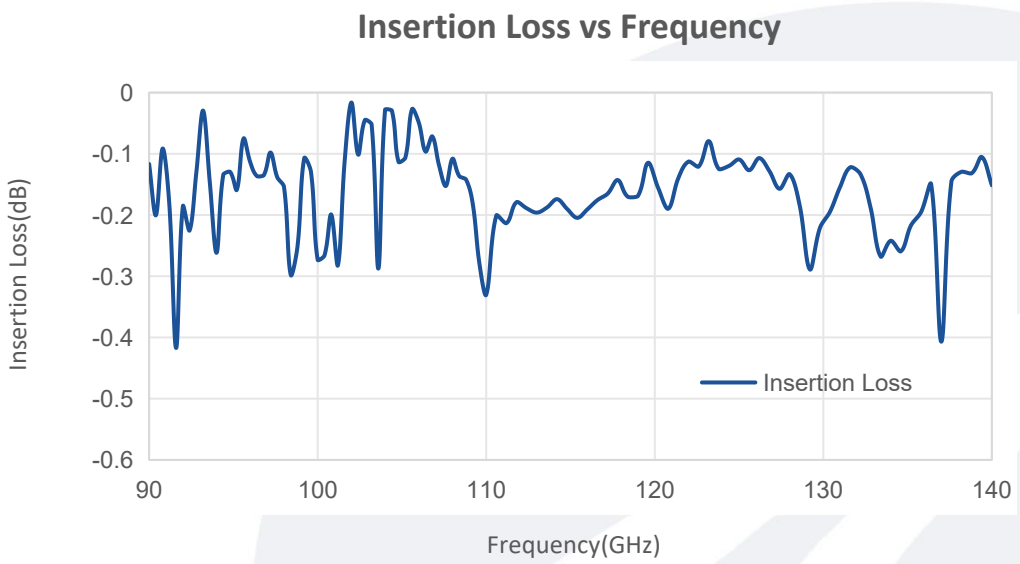
Ordering Information:

Base Number	Description	Revision
TLTB-090140-8-B	90-140GHz Compact Waveguide Twist WR-08,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.