泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

D-Band Compact Waveguide Twist

WR-6.5/110-170GHz/Twist Bend/14.0mm

Model: TLTB-110170-6-B

TLTB-110170-6-B is a WR-6.5, 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 14.0 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 110 to 170 GHz.

Features:

- Frequency Coverage: 110 to 170 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	110		170	GHz
Insertion Loss		0.3		dB
Return Loss		-20		dB
Specification Temperature		25		℃

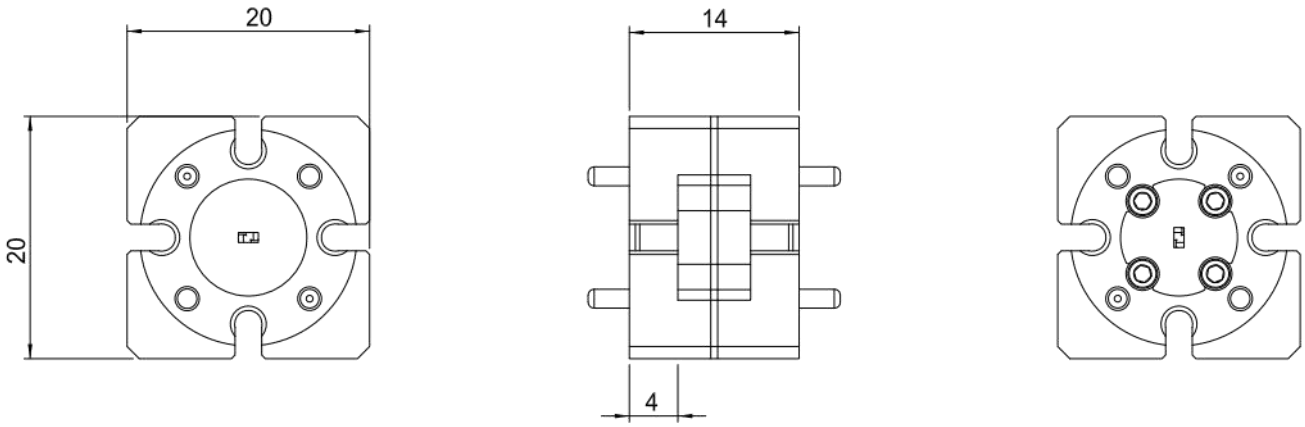
Mechanical Specifications:

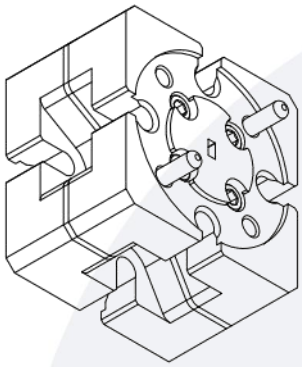
Parameter	Value	Units
Operating Temperature	-40~+85	℃
Waveguide Connector	WR-6.5/UG-387/U-M	
Twist Angle	90	°
Material	Brass	
Size	20*20*14	mm

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Outline Drawing:

Unit:mm; Tolerance:±0.1mm





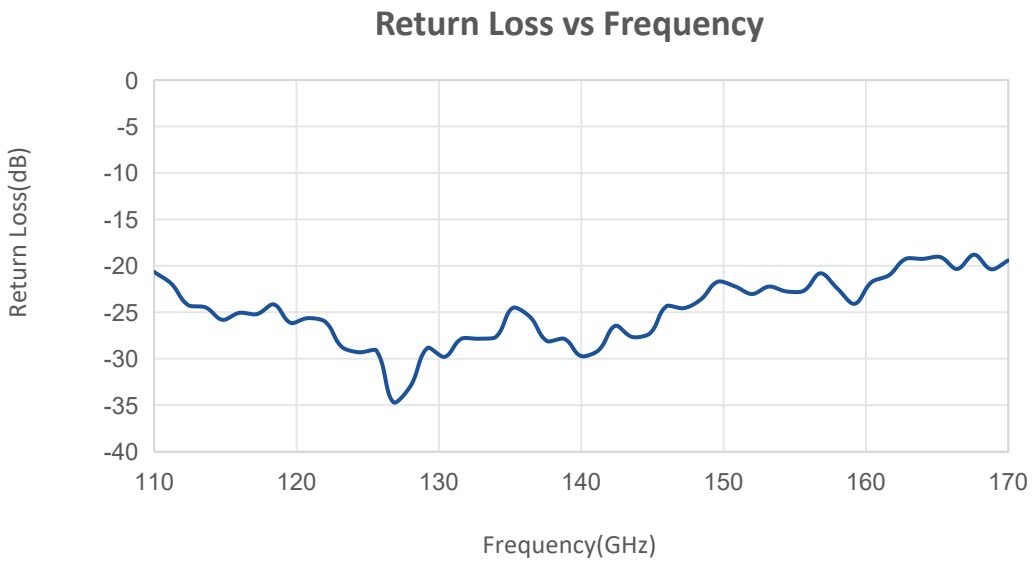
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

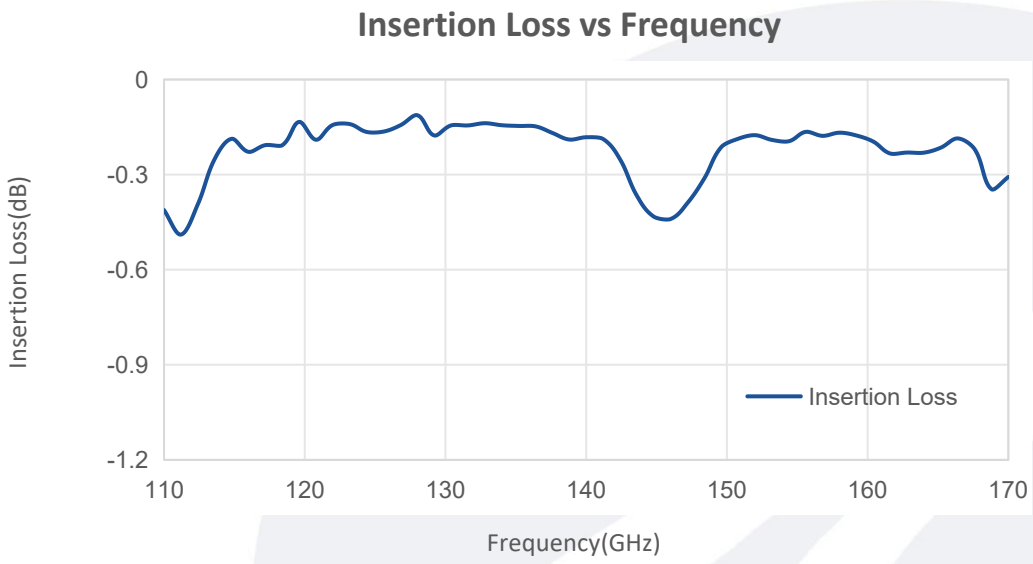
Ordering Information:

Base Number	Description	Revision
TLTB-110170-6-B	110-170GHz Compact Waveguide Twist WR-6.5,Twist Bend	Rev.1.1

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

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.