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

Y-Band Compact Waveguide Twist

WR-4.3/170-260GHz/Twist Bend/13.3mm

Model: TLTB-170260-4-B

TLTB-170260-4-B is a WR-4.3, 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 13.3 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 170to 260GHz.

Features:

- Frequency Coverage: 170 to 260 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	170		260	GHz
Insertion Loss		0.5		dB
Return Loss		-20		dB

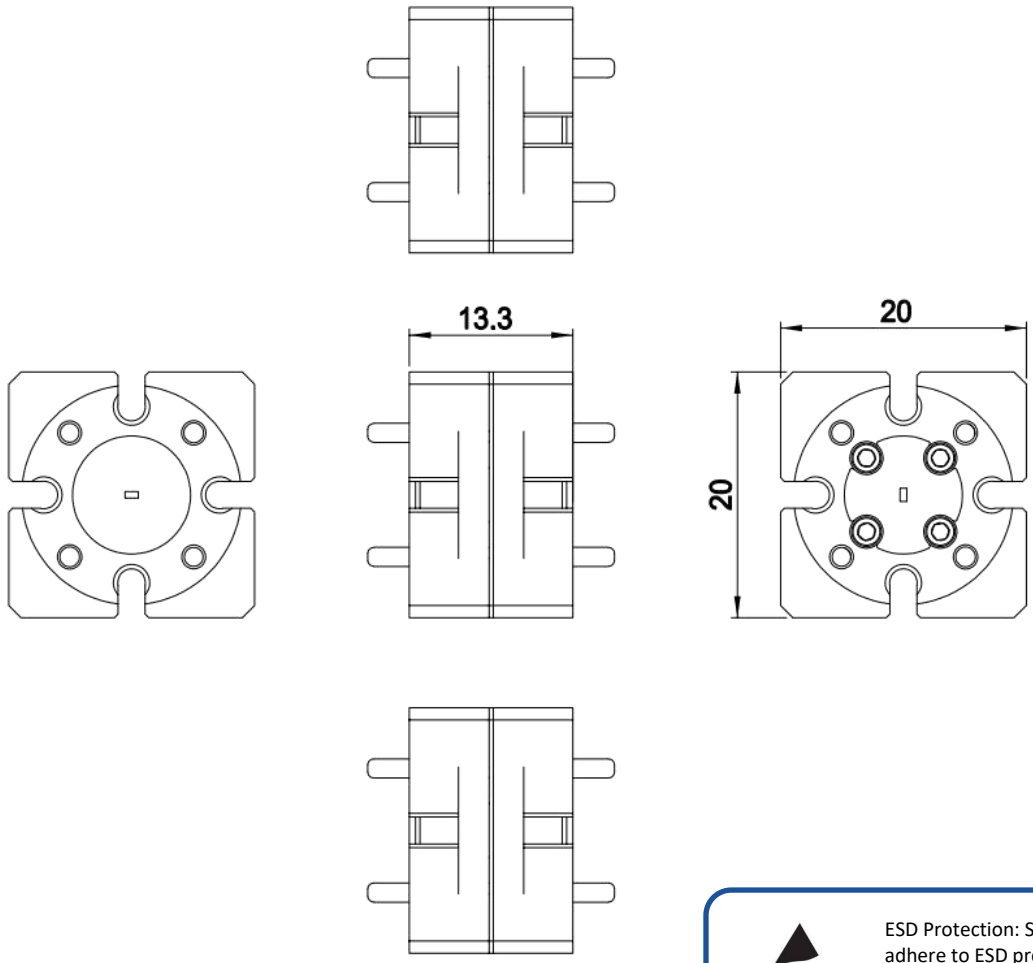
Mechanical Specifications:

Parameter	Value	Units
Waveguide Connector	WR-4.3/UG-387/U-M	
Twist Angle	90	°
Material	Brass	
Size	20*20*13.3	mm

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

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



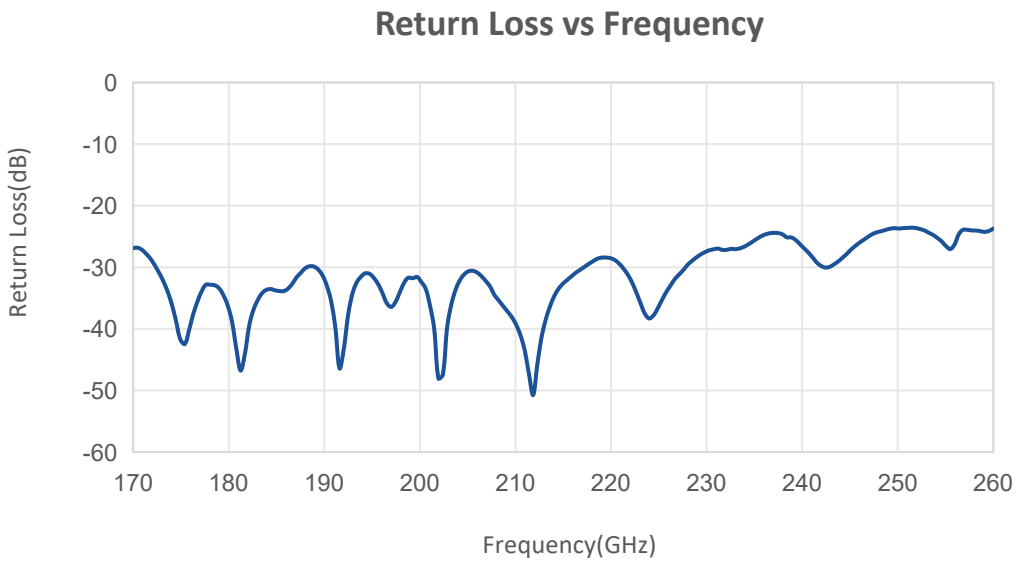
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

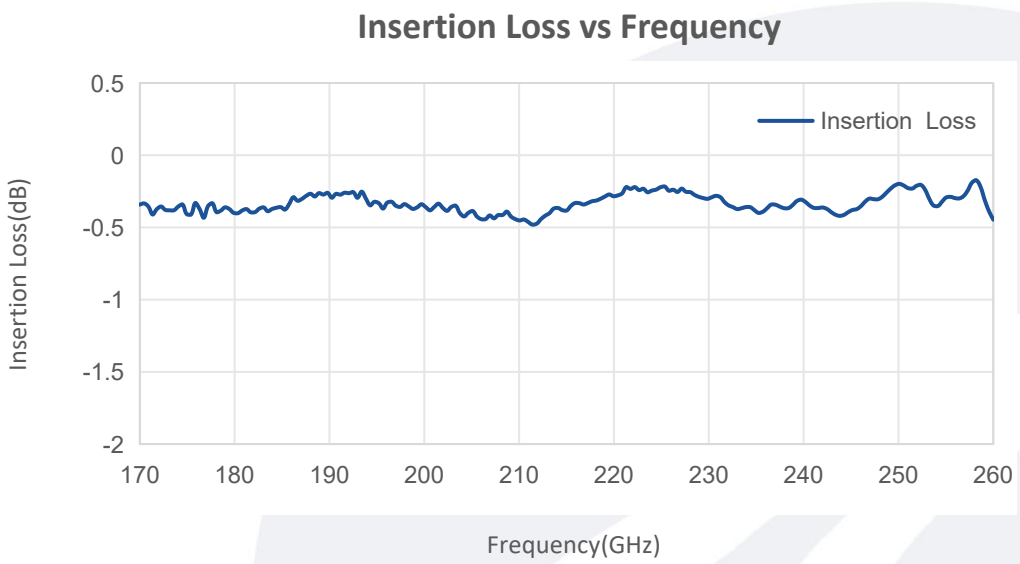
Ordering Information:

Base Number	Description	Revision
TLTB-170260-4-B	170-260GHz Compact Waveguide Twist WR-4.3,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.