

Straight Waveguide

WR-5.1/140-220GHz

Model: TL-5.1SWG-1inch

TL-5.1SWG-1inch is a 2" long, G-band straight waveguide section with a WR-5.1 waveguide and UG-387/U anti-cocking flanges. The waveguide is offered to cover the frequency range of 140 to 220 GHz.

Features:

- Operating Frequency 140 to 220GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

Applications:

- Test Instrumentation
- Instrumentations
- Lab Use

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	140		220	GHz
Insertion Loss		1.3		dB
Return Loss		-20		dB

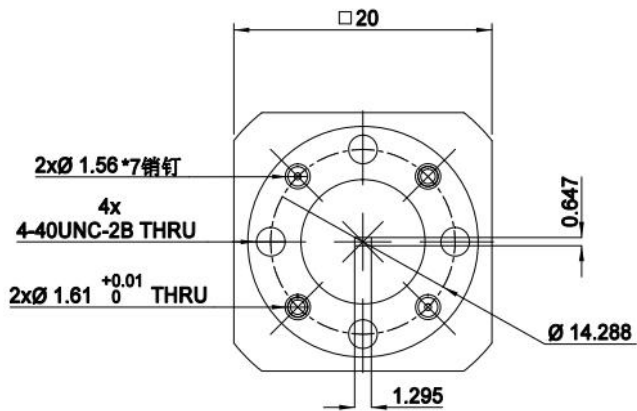
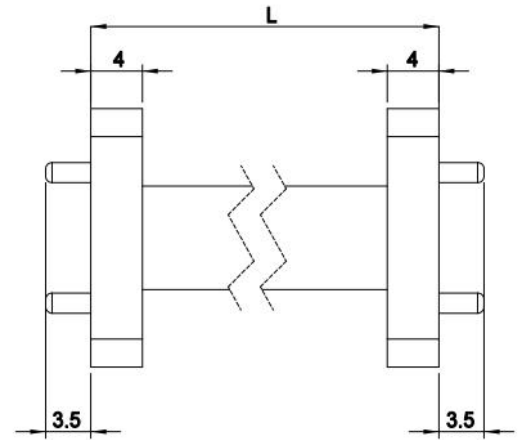
Envrionmental And Physical Characteristics:

Description	Parameter	Units
Material	Copper	
Finish	Gold plated	
Connectors	WR-5.1/UG-387/U	
Length	1	Inch

Outline Drawing:

Unit:mm

Regulatory Compliance:



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

Ordering Information:

Base Number	Description
TL-5.1SWG-1inch	Straight Waveguide, WR-5.1, Insertion Loss: 1.3dB Typ