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

# Straight Waveguide

## WR-1.2/600-900GHz

## Model: TL-1.2SWG-1inch

TL-1.2SWG-1inch is a 1” long, straight waveguide section with a WR-1.2 waveguide and UG-387/U anti-cocking flanges. The waveguide is offered to cover the frequency range of 600 to 900 GHz.

### Features:

- Operating Frequency 600 to 900GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

### Applications:

- Test Instrumentation
- Instrumentations
- Lab Use

### Electrical Characteristics:

| Parameter | Min | Typ | Max | Units |
|---|---|---|---|---|
| Frequency Range | 600 | | 900 | GHz |
| Insertion Loss | | TBD | | dB |
| Ruturn Loss | | -20 | | dB |

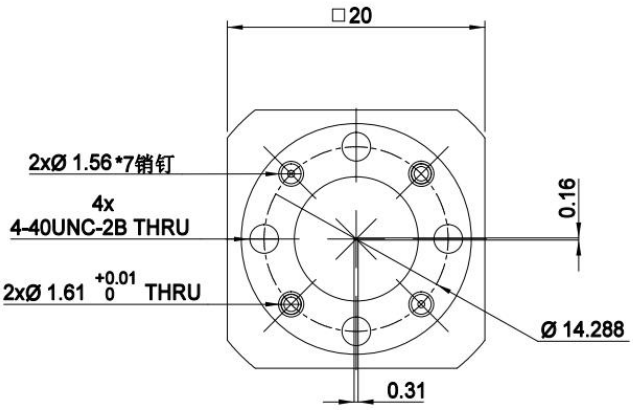
### Envrionmental And Physical Characteristics:

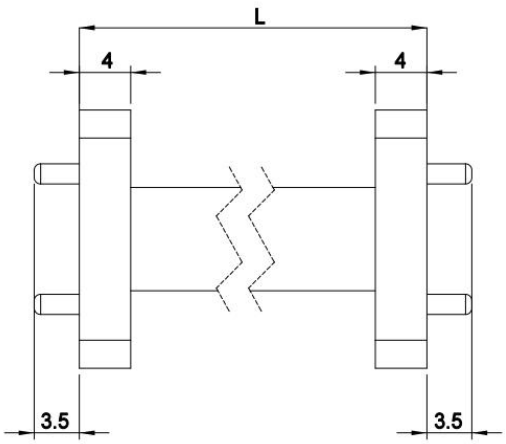
| Description | Parameter | Units |
|---|---|---|
| Material | Copper | |
| Finish | Gold plated | |
| Connectors | WR-1.2/UG-387/U | |
| Length | 1 | Inch |

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

## Outline Drawing:

Unit:mm




## Regulatory Compliance:

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

## Ordering Information:

| Base Number | Description |
|---|---|
| TL-1.2SWG-1inch | Straight Waveguide,WR-1.2 |