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

# Straight Waveguide

## WR90/8.2-12.4GHz

## Model: TL-90SWG-100mm

TL-90SWG-100mm is a 100mm long, straight waveguide section with a WR90 waveguides. The waveguide is offered to cover the frequency range of 8.2 to 12.4 GHz.

### Features:

- Operating Frequency 8.2 to 12.4 GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

### Applications:

- Test Instrumentation
- Instrumentations
- Lab Use

### Electrical Characteristics:

| Parameter | Min | Typ | Max | Units |
|---|---|---|---|---|
| Frequency Range | 8.2 | | 12.4 | GHz |
| Insertion Loss | | | 0.1 | dB |
| VSWR | | | 1.1 | :1 |

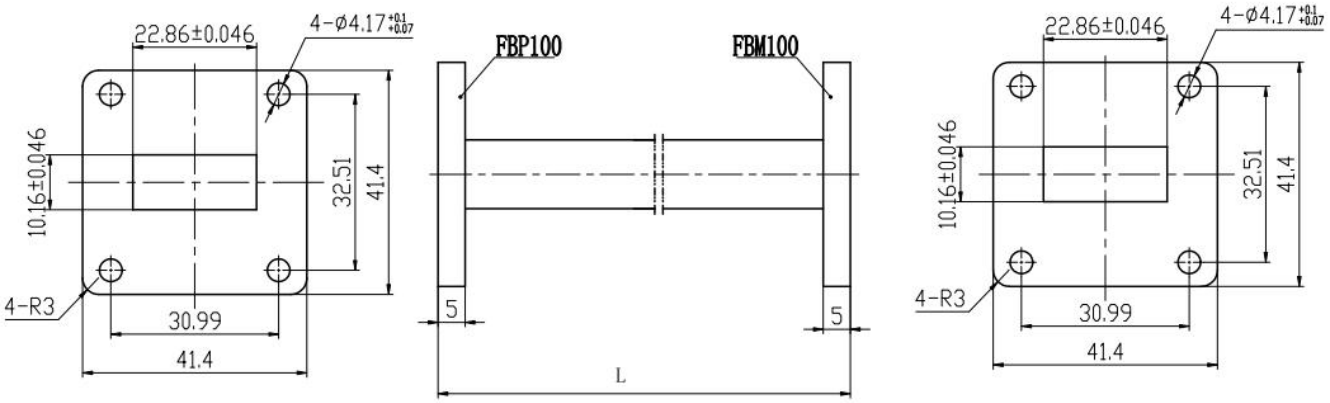
### Envrionmental And Physical Characteristics:

| Parameter | Value | Units |
|---|---|---|
| Material | Aluminium | |
| Finish | True color conductive oxidation,spray black paint | |
| Connectors | WR90 | |
| Length | 100 | 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 |
|---|---|
| TL-90SWG-100mm | 8.2-12.4GHz, Straight Waveguide,<br>Insertion Loss: 0.1dB Max; WR90 |