

## Straight Waveguide

**FDP22/2.4-2.5 GHz**

**Model: TL-22SWG-1000mm**

TL-22SWG-1000mm is a 1000mm long, straight waveguide section with a FDP22 waveguide. The waveguide is offered to cover the frequency range of 2.4 to 2.5 GHz.

### Features:

- Operating Frequency 2.4 to 2.5GHz
- Rugged Waveguide Configuration
- Low Insertion Loss

### Applications:

- Test Instrumentation
- Instrumentations
- Lab Use

### Electrical Characteristics:

| Parameter       | Min | Typ | Max | Units |
|-----------------|-----|-----|-----|-------|
| Frequency Range | 2.4 |     | 2.5 | GHz   |
| Insertion Loss  |     |     | 0.2 | dB    |
| VSWR            |     |     | 1.2 | :1    |

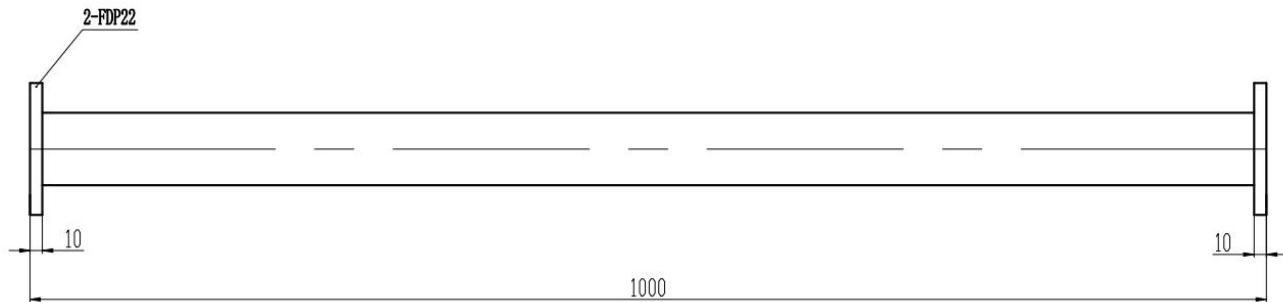
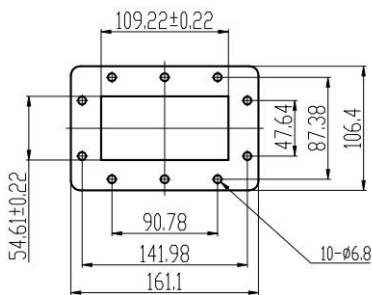
### Envrionmental And Physical Characteristics:

| Description | Parameter                       | Units |
|-------------|---------------------------------|-------|
| Material    | Aluminium                       |       |
| Finish      | True color conductive oxidation |       |
| Connectors  | FDP22                           |       |
| Length      | 1000                            | mm    |

# Outline Drawing:

Unit:mm

# Regulatory Compliance:



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

# Ordering Information:

| Base Number     | Desciption                                            |
|-----------------|-------------------------------------------------------|
| TL-22SWG-1000mm | Straight Waveguide,<br>FDP22,Insertion Loss:0.2dB Max |