

## Flexible Waveguide Cable

WR10/75-110GHz

Model: FW-WR10WR10-0.2m

FW-WR10WR10-0.2m is a flexible waveguide cable that covers the frequency range of 75 to 110 GHz. The flexible waveguide cable includes two WR-10 waveguide ports with UG-387/U-M anti-cocking flange.

### Features:

- Operating Frequency 75 to 110GHz
- VSWR: 1.6:1 Typ
- Insertion loss: 3.5dB Typ
- Low cost
- Fast delivery time

### Applications:

- Test Lab
- Instrumentations
- System setups

## 电气特性 Electrical Characteristics:

| 参数 Parameter         | Min | Typ  | Max | 单位 Units |
|----------------------|-----|------|-----|----------|
| 频率范围 Frequency Range | 75  |      | 110 | GHz      |
| 驻波 VSWR              |     | 1.6  |     | :1       |
| 插损 Insertion Loss    |     | 3.5  |     | dB       |
| 耐功率 Power Handling   |     | 4 CW |     | W        |

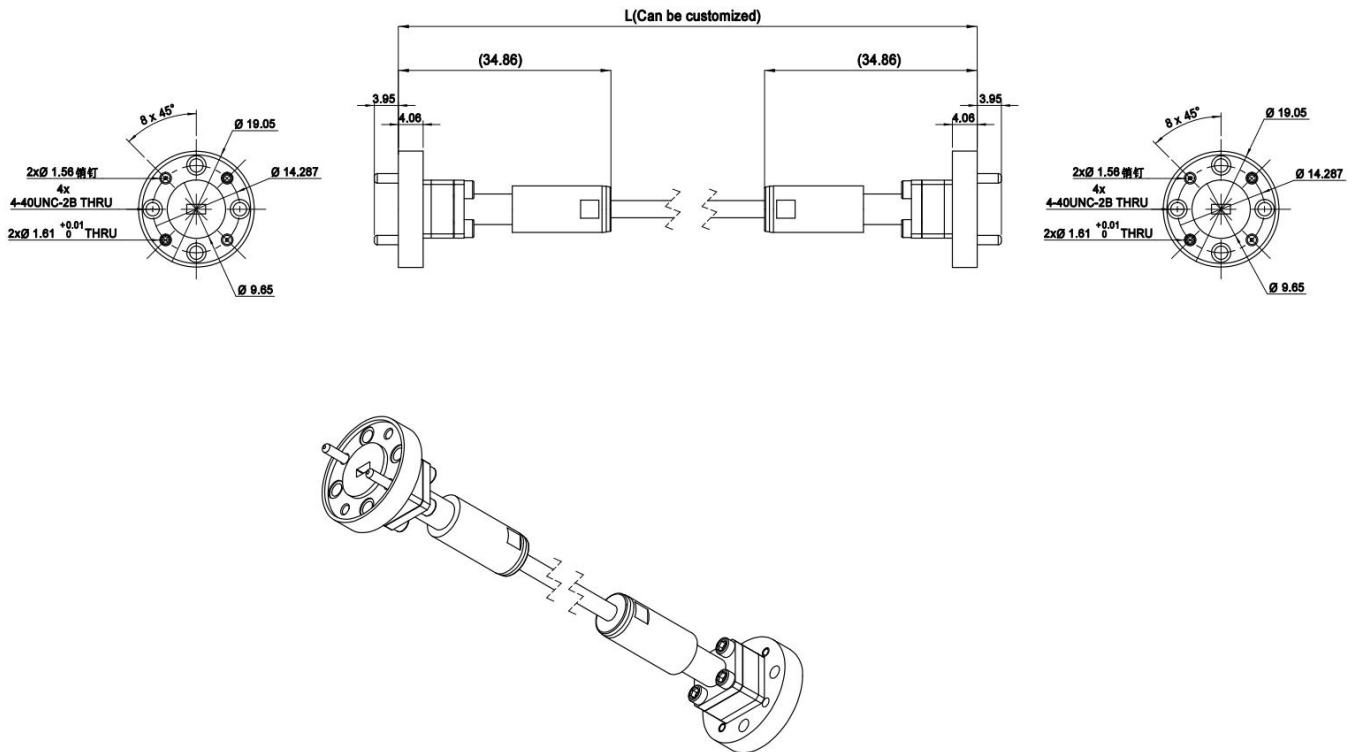
## 环境和机械特性 Environmental And Physical Characteristics:

| 类型 Description                 | 参数 Parameter   | 单位 Units |
|--------------------------------|----------------|----------|
| 操作温度 Operating Temperature     | +25            | °C       |
| 存储温度 Non-operating Temperature | -55~+165       | °C       |
| 最小弯曲半径 Minimum Bending Radius  | 25             | mm       |
| 波导接口 Waveguide Connector       | WR-10/UG-387/U |          |
| 长度 Length*                     | 0.2            | m        |

\*Note:Length can be customized.

### 外形图 Outline Drawing:

Unit:mm



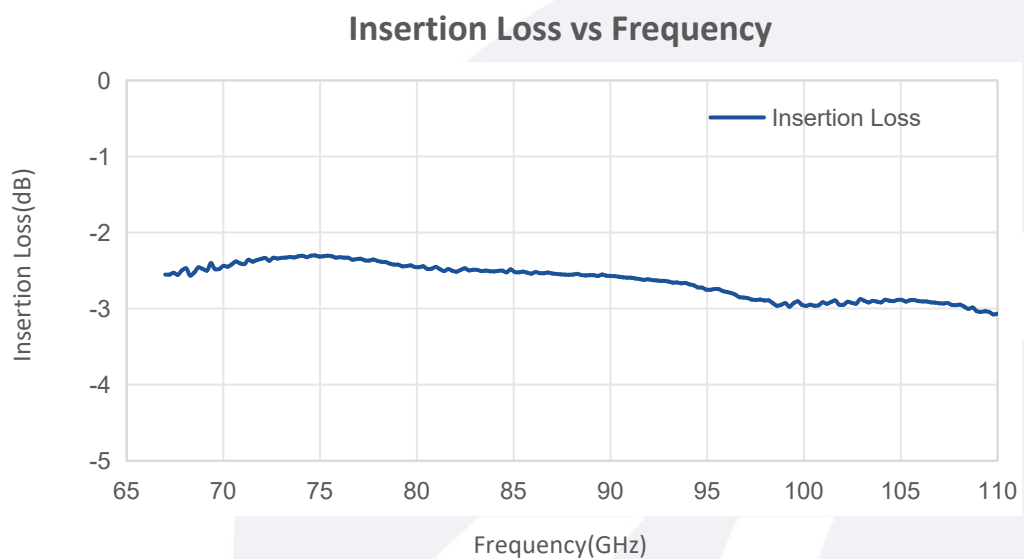
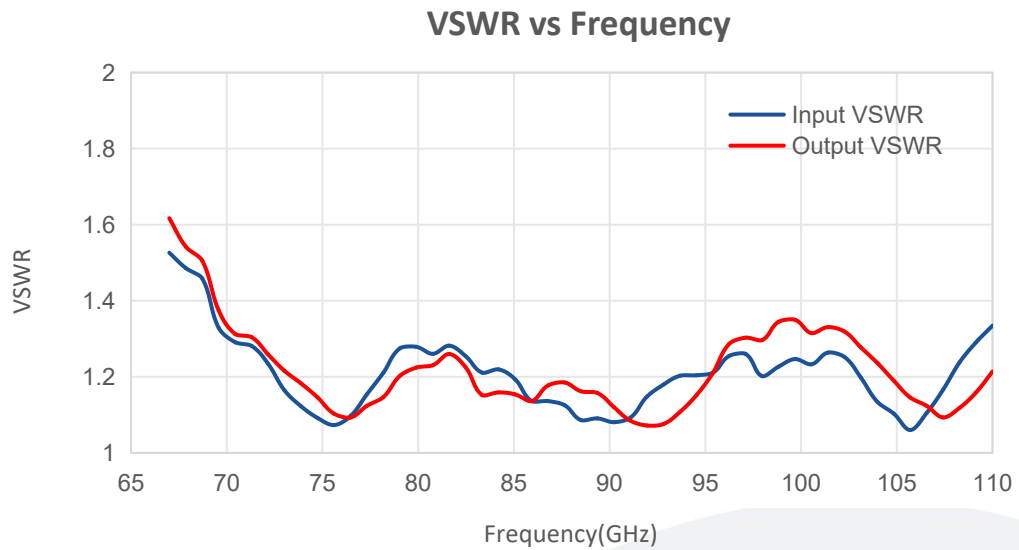
**ESD Protection:** Strictly adhere to ESD precautions to prevent electrostatic damage.

### 订货信息 Ordering Information:

| 标准型号 Base Number | 描述 Description                                                        |
|------------------|-----------------------------------------------------------------------|
| FW-WR10WR10-0.2m | Flexible Waveguide Cable,<br>75-110GHz, WR10,Length can be customized |

## 典型曲线 Typical Performance Data:

Length=0.2m:



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.