泰莱微波
Talent Microwave

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

# Flexible Waveguide Cable

## WR-06/0.8mm Male/110-170GHz

## Model: FW-0.8MWR06-0.08m

FW-WR06WR06-0.08m is a flexible waveguide cable that covers the frequency range of 110 to 170 GHz. The flexible waveguide cable includes a WR-6.5 waveguide ports with UG-387/U-M anti-cocking flange and a coax adapter structure with 0.8mm male.

### Features:

- Operating Frequency 110 to 170GHz
- VSWR: 1.9:1 Typ
- Insertion loss: 5.5dB 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 | 110 | | 170 | GHz |
| 驻波 VSWR | | 1.9 | | :1 |
| 插损 Insertion Loss | | 5.5 | | dB |
| 耐功率 Power Handling | | 1 CW | | W |

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

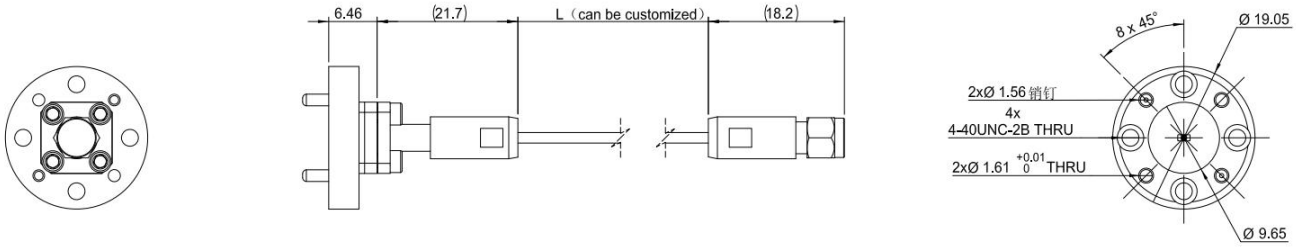
| 参数 Parameter | 指标 Value | 单位 Units |
|---|---|---|
| 操作温度 Operating Temerature | +25 | ℃ |
| 存储温度 Non-operating Temperature | -55~+165 | ℃ |
| 最小弯曲半径 Minimum Bending Radius | 6 | mm |
| 波导接口 Waveguide Connector | WR-06/UG-387/U | |
| 同轴接口 Coax Connector | 0.8mm Male | |
| 长度 Length* | 0.08 | m |

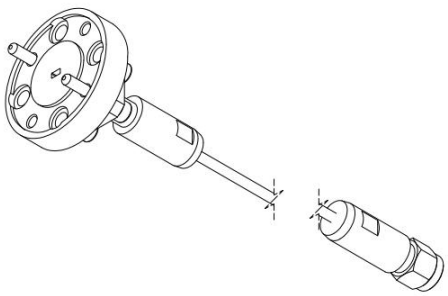
*Note:Length can be customized.

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

## 外形图 Outline Drawing:

Unit : mm; Tolerance : ±0.1mm



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-0.8MWR06-0.08m | Flexible Waveguide Cable,110-170GHz,<br>0.8mm Male,WR-06, Length can be customized |