

Flexible Waveguide Cable

WR-6.5/0.8mm 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: 5.2dB 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		5.2		dB
耐功率 Power Handling		1 CW		W

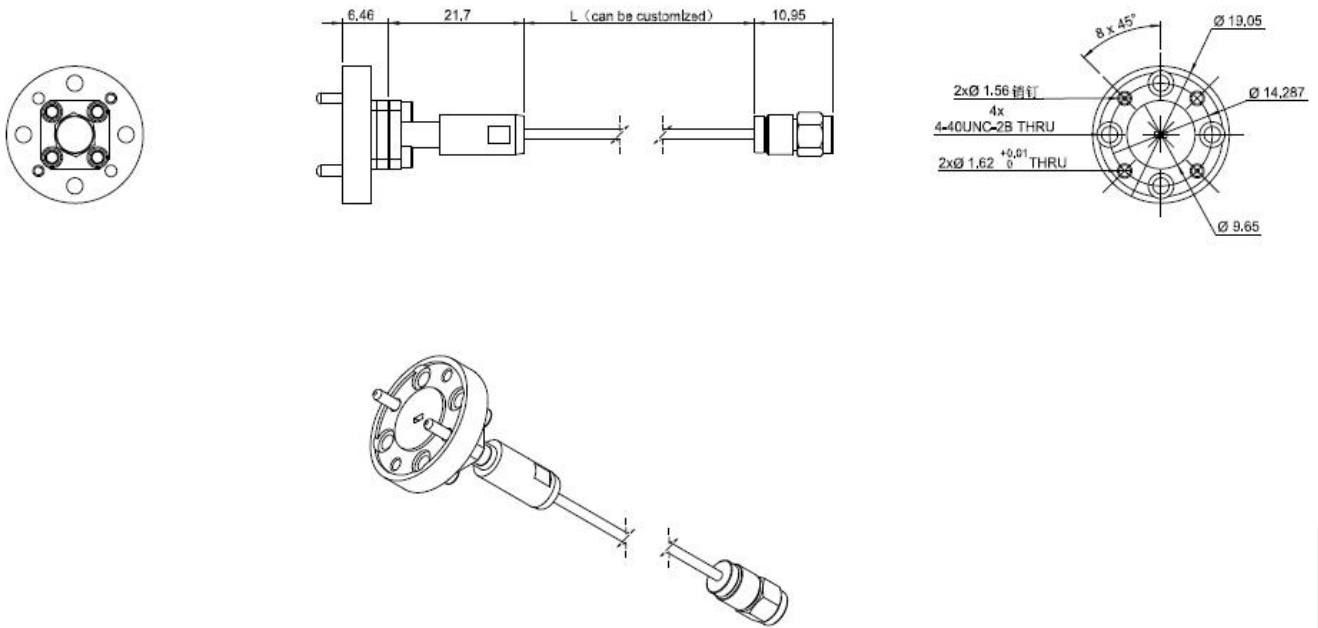
环境和机械特性 Envirionmental And Physical Characteristics:

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	6	mm
波导接口 Waveguide Connector	WR-6.5/UG-387/U	
同轴接口 Coax Connector	0.8mm Male	
长度 Length*	0.08	m

*Note:Length can be customized.

外形图 Outline Drawing:

Unit : mm; Tolerance : $\pm 0.1\text{mm}$



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-0.8MWR06-0.08m	Flexible Waveguide Cable, 110-170GHz, 0.8mm Male, WR-6.5, Length can be customized