Suzhou Talent Microwave,Inc
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Flexible Waveguide Cable

WR10/1.0mm Male/75-110GHz

Model: FW-1.0MWR10-0.18m

FW-1.0MWR10-0.18m is a flexible waveguide cable that covers the frequency range of 75 to 110 GHz. The flexible waveguide cable includes a WR-10 waveguide ports with UG-387/U-M anti-cocking flange and a coax adapter structure with 1.0mm male.

Features:

- Operating Frequency 75 to 110GHz
- VSWR: 1.6:1 Typ
- Insertion loss: 3dB 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		dB
耐功率 Power Handling		4 CW		W

环境和机械特性 Envrionmental And Physical Characteristics:

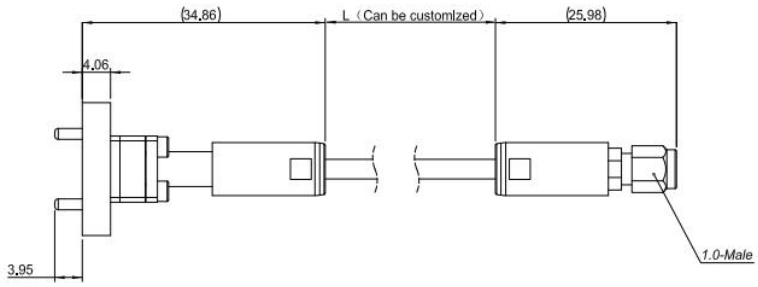
参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temerature	+25	℃
存储温度 Non-operating Temperature	-55~+165	℃
最小弯曲半径 Minimum Bending Radius	25	mm
波导接口 Waveguide Connector	WR-10/UG-387/U	
同轴接口 Coax Connector	1.0mm Male	
长度 Length*	0.18	m

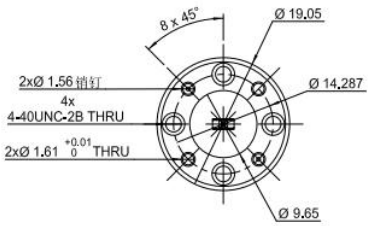
*Note:Length can be customized.

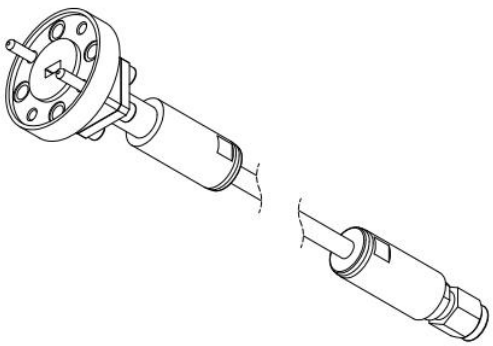
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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm







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

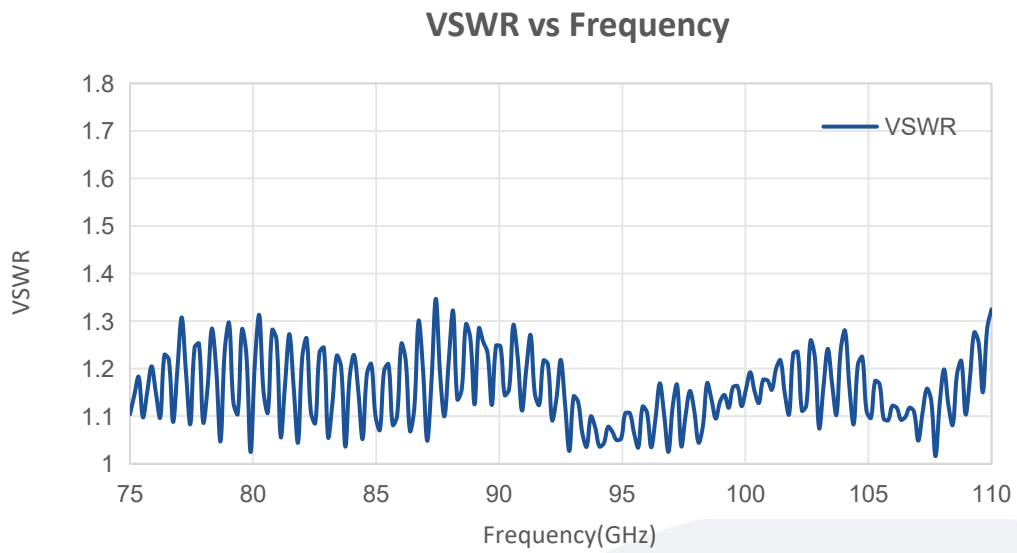
订货信息 Ordering Information:

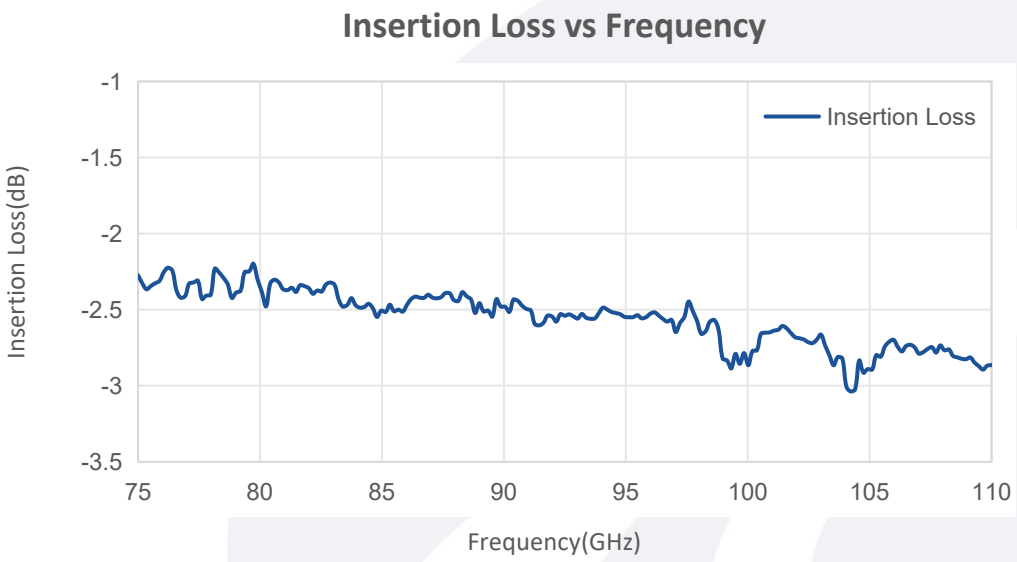
标准型号 Base Number	描述 Description
FW-1.0MWR10-0.18m	Flexible Waveguide Cable,75-110GHz, 1.0mm Male, WR10, Length can be customized

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典型曲线 Typical Performance Data:

FW-1.0MWR10-0.18m:





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.