

## Flexible Waveguide Cable

WR12/60-90GHz

Model: FW-WR12WR12-0.2m

FW-WR12WR12-0.2m is a flexible waveguide cable that covers the frequency range of 60 to 90 GHz. The flexible waveguide cable includes two WR-12 waveguide ports with UG-387/U-M anti-cocking flange.

### Features:

- Operating Frequency 60 to 90GHz
- 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	60		90	GHz
驻波 VSWR		1.6		:1
插损 Insertion Loss		3		dB
耐功率 Power Handling		4 CW		W

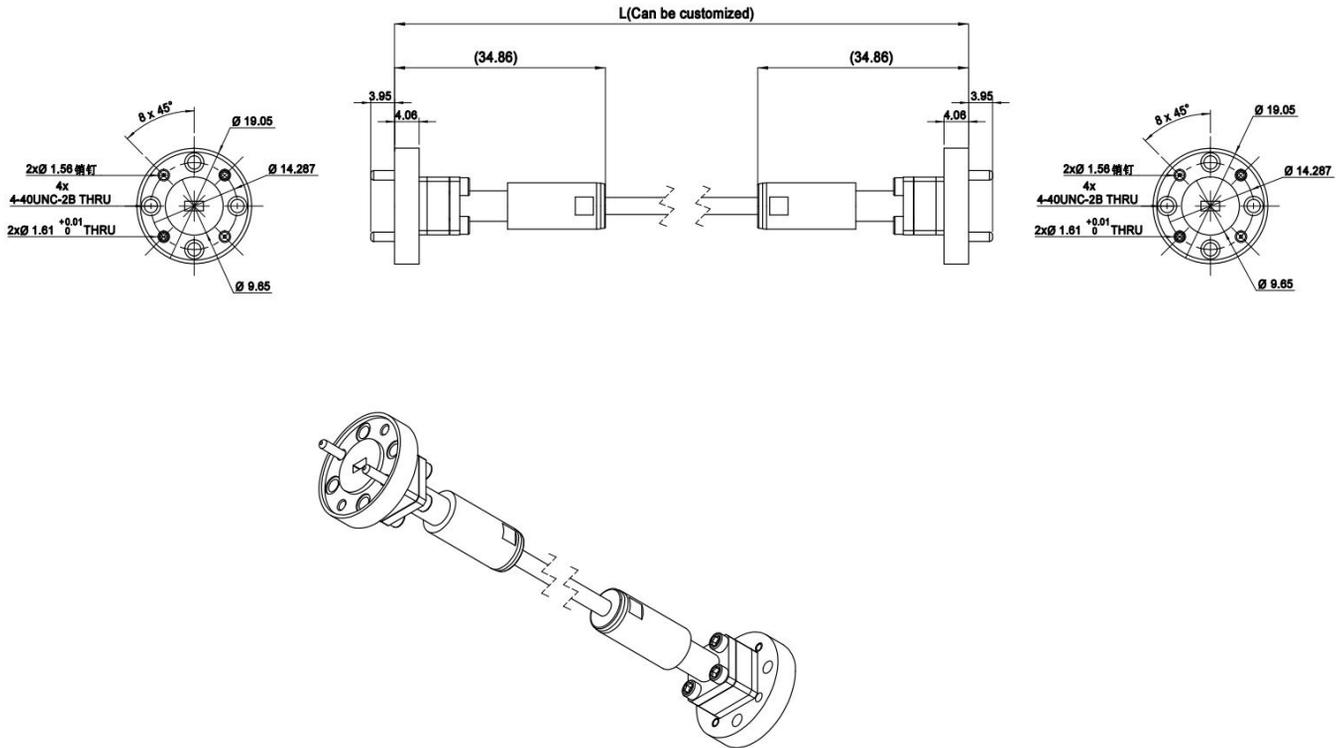
### 环境和机械特性 Environmental And Physical Characteristics:

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-12/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.

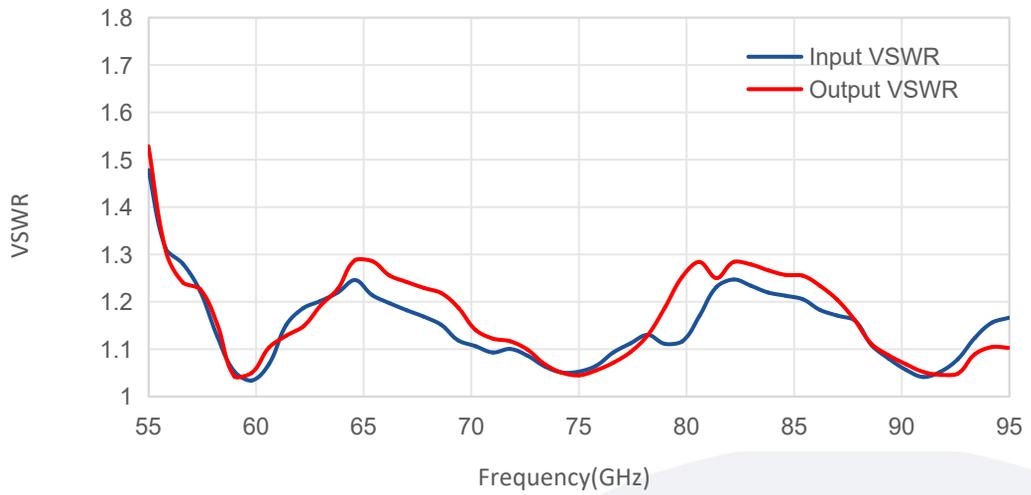
订货信息 Ordering Information:

标准型号 Base Number	描述 Description
FW-WR12WR12-0.2m	Flexible Waveguide Cable, 60-90GHz, WR12

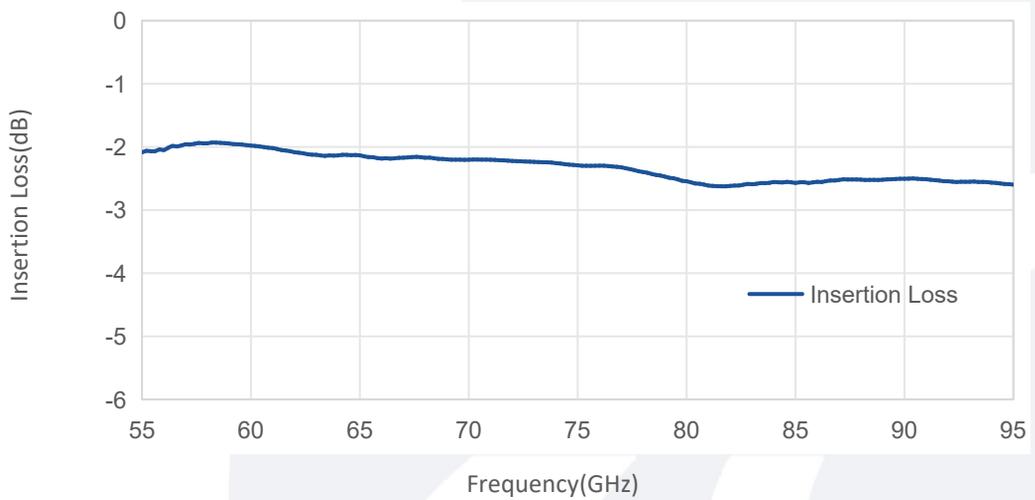
**典型曲线 Typical Performance Data:**

**Length=0.2m:**

**VSWR vs Frequency**



**Insertion Loss vs Frequency**



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.