泰莱微波 Talent Microwave

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Waveguide to Coax Adapter, Right Angle

WR-12/1.0mm Female/60-90GHz Model: TL-12WCA1.0R-CU

The TL-12WCA1.0R-CU is right angle waveguide to coax adapters that cover the frequency range of 60 to 90 GHz. It is designed for an efficient transition between the rectangular waveguide and 1.0 mm coax connector.

Features:

- Operating Frequency 60 to 90GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit



Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	60		90	GHz
插损 Insertion Loss		0.6	1	dB
驻波 VSWR		1.3		:1
耐功率 Power Handing			10	W

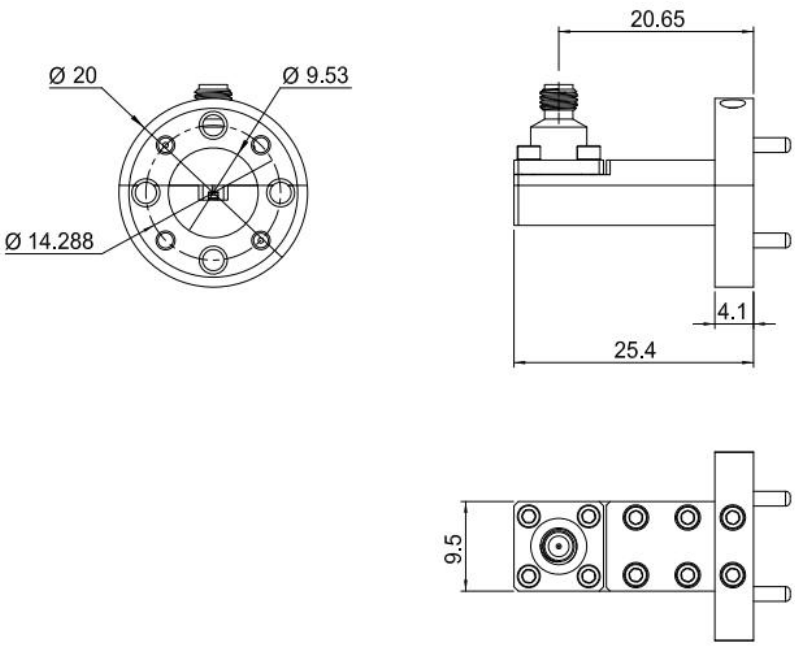
环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	类型 Description	单位 Units
操作温度 Operating Temerature	-40 To +85	℃
存储温度 Storage Temerature	-40 to +85	℃
材质 Material	Copper	
表面处理 Finish	Gold Plated	
同轴接口 Coax Connector	1.0mm Female	
波导 Waveguide	WR12/UG-387/U-M	

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



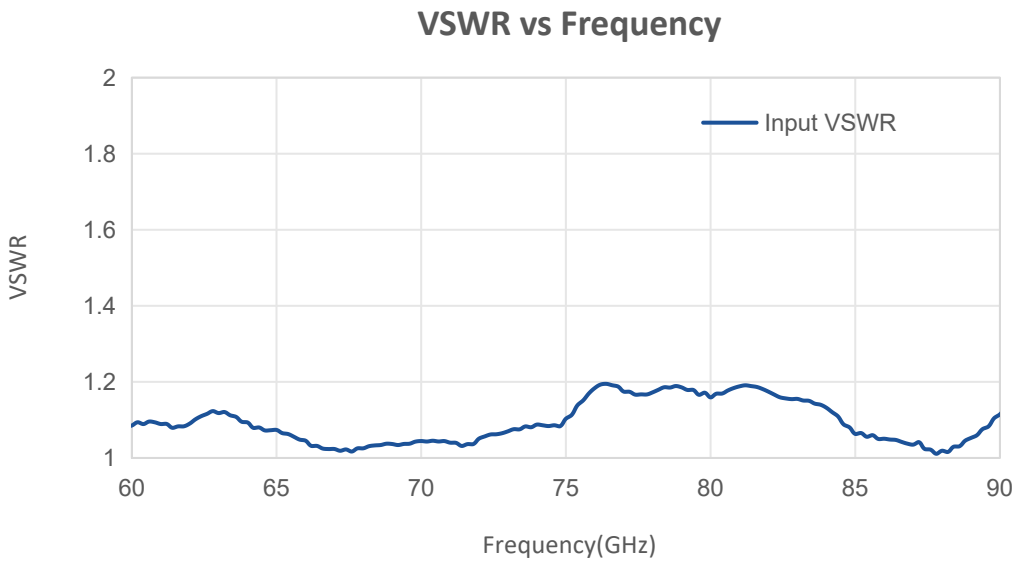
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

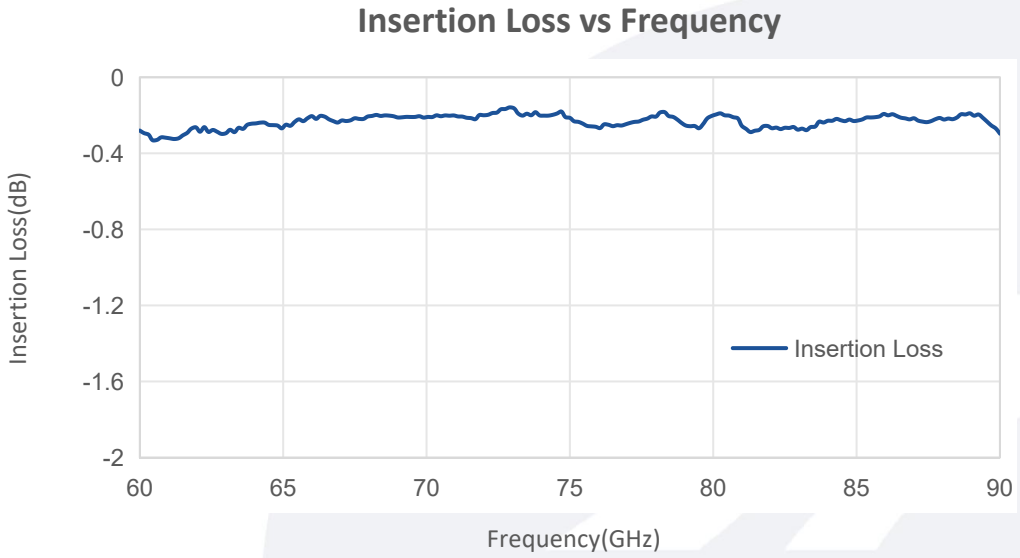
订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-12WCA1.0R-CU	Waveguide to Coax Adapter, Right Angle WR12/1.0mm Female,60-90GHz	Rev.1.1

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典型曲线 Typical Performance Data:





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.