

Waveguide to Coax Adapter, End Launch

WR-12/1.0mm Female/ 60-90GHz

Model: TL-12WCA1.0E-CU

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:

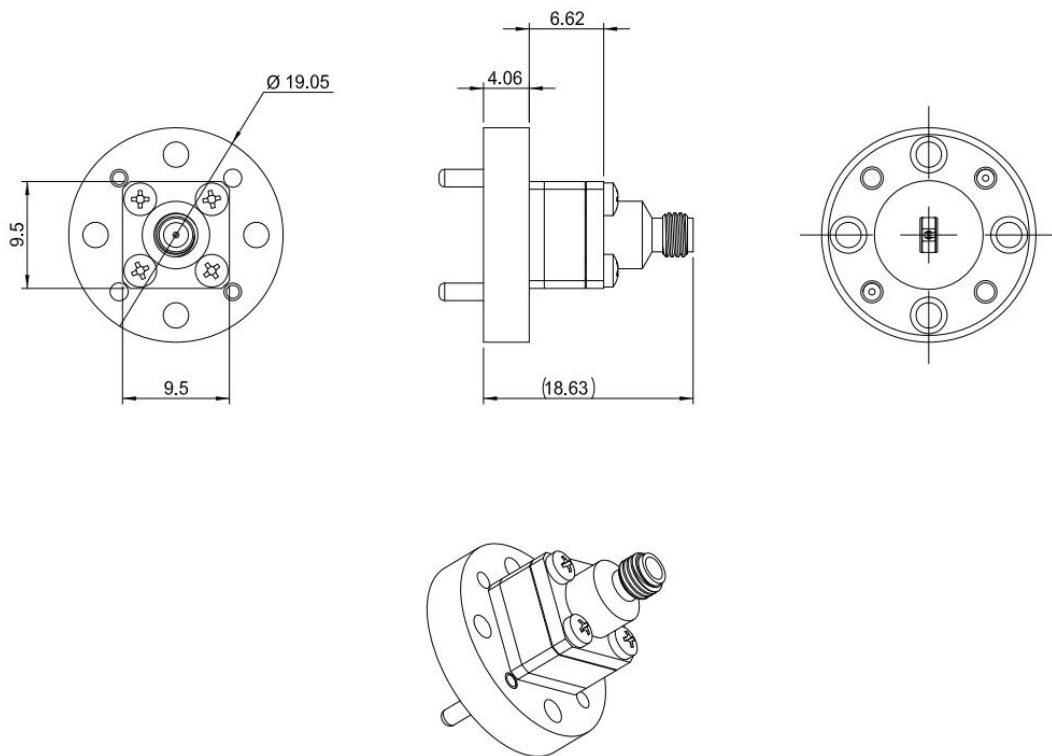
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	60		90	GHz
驻波 VSWR		1.2		:1
插损 Insertion Loss		0.4		dB
耐功率 Power Handling			2	W

环境和机械特性 Envirionmental And Physical Characteristics:

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

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm

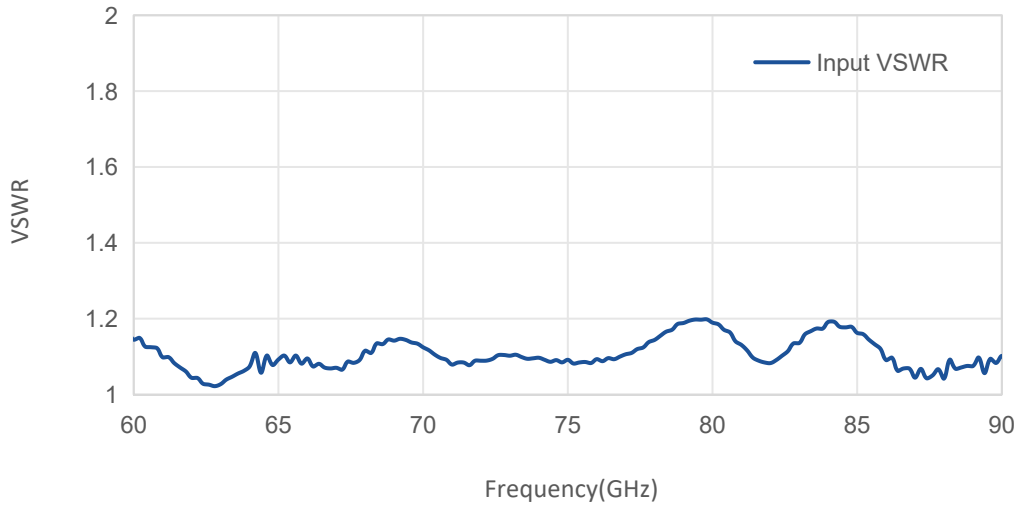


订货信息 Ordering Information:

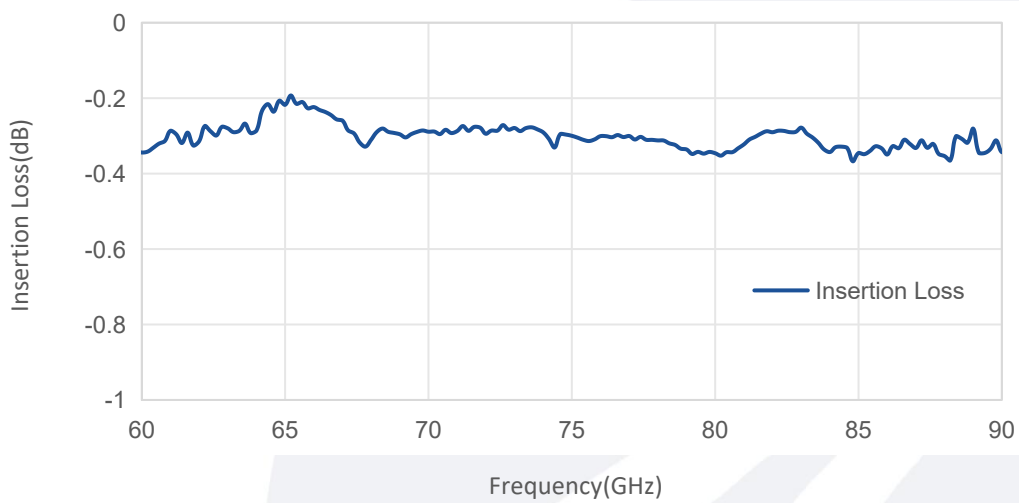
标准型号 Base Number	描述 Description	版本号 Revision
TL-12WCA1.0E-CU	Waveguide to Coax Adapter, End Launch WR12/1.0mm Female,60-90GHz	Rev.1.2

典型曲线 Typical Performance Data:

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.