泰莱微波 Talent Microwave

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Waveguide to Coax Adapter, End Launch

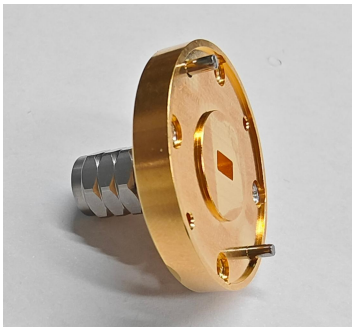
WR19/1.85mm Male/40-60GHz

Model: TL-19WCA1.85ME

The TL-19WCA1.85ME is end launch waveguide to coax adapters that cover the frequency range of 40 to 60 GHz. It is designed for an efficient transition between the rectangular waveguide and 1.85 mm coax connector.

Features:

- Operating Frequency 40 to 60GHz
- 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	40		60	GHz
插损 Insertion Loss		0.4	0.8	dB
驻波 VSWR		1.3		:1
耐功率 Power Handing			10	W

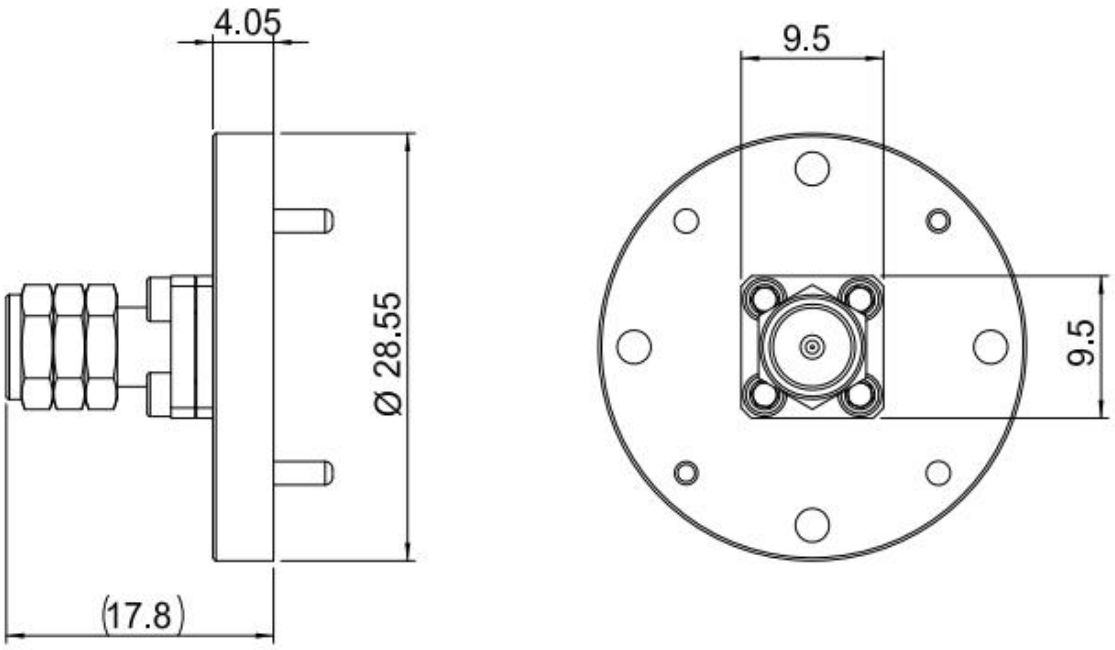
环境和机械特性 Envrionmental And Physical Characteristics:

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	1.85mm Male	
波导 Waveguide	WR19/UG-383/U-M	
尺寸 Size	17.8*ø28.55	mm

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外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



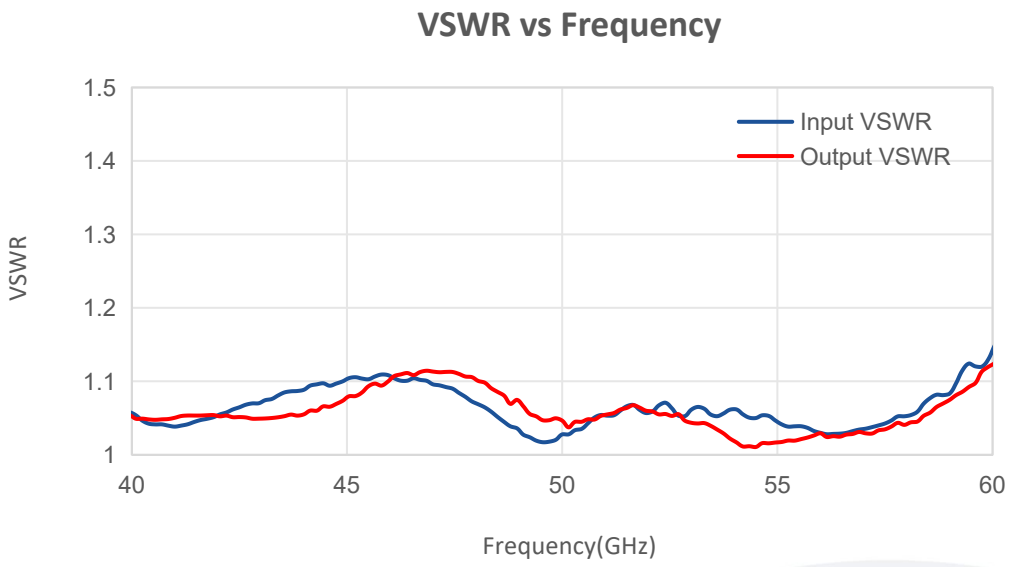
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

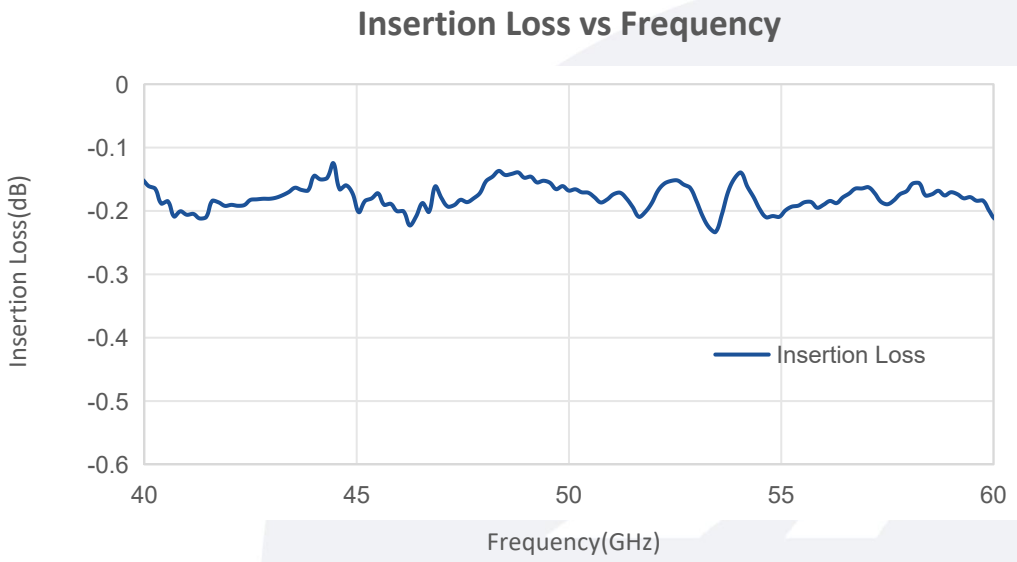
订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-19WCA1.85ME	Waveguide to Coax Adapter, End Launch WR19/1.85mm Male,40-60GHz	Rev.1.0

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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.