

Waveguide to Coax Adapter, Right Angle

WR-15/1.85mm Female/50-75GHz

Model: TL-15WCA1.85R

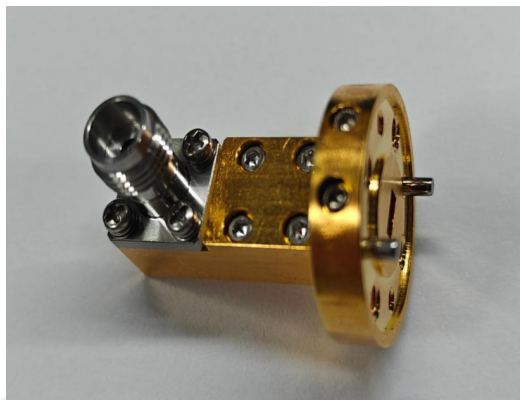
The TL-15WCA1.85R is right angle waveguide to coax adapters that cover the frequency range of 50 to 75GHz. It is designed for an efficient transition between the rectangular waveguide and 1.85 mm coax connector.

Features:

- Operating Frequency 50 to 75GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies



电气特性 Electrical Characteristics:

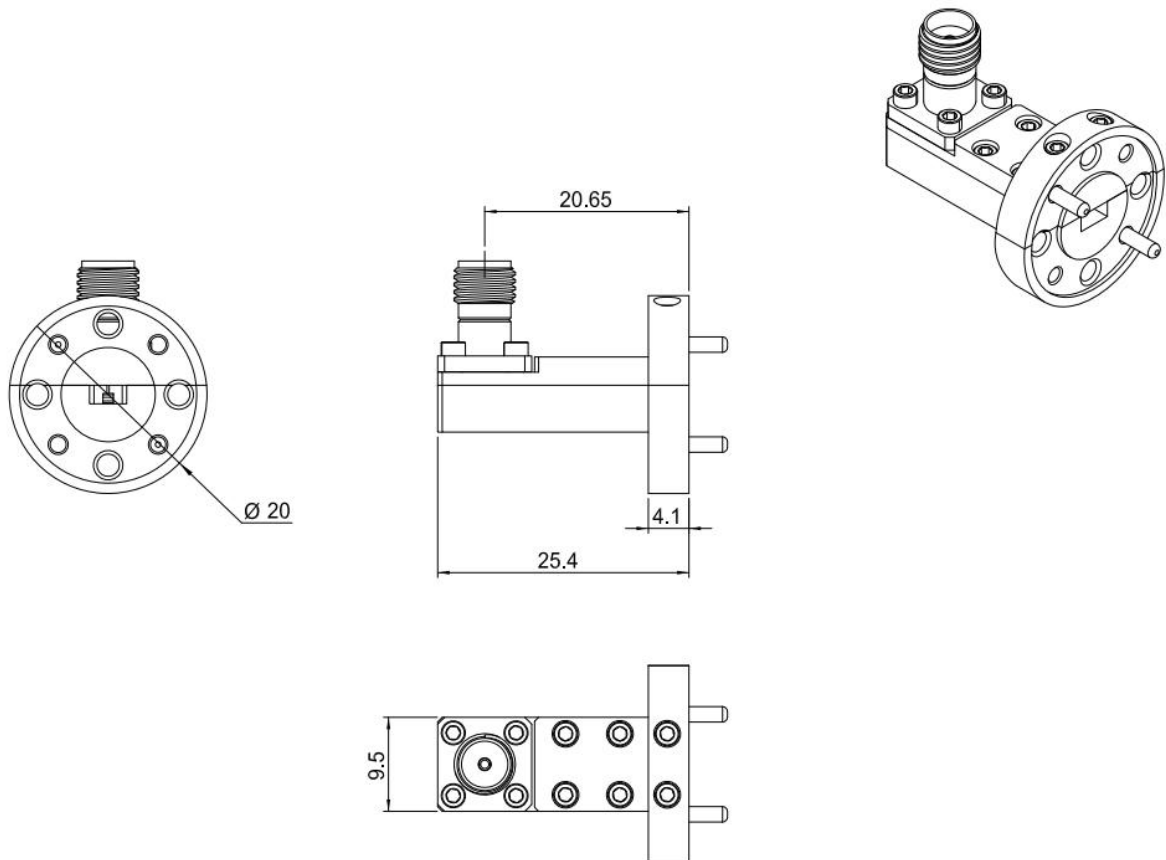
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	50		75	GHz
插损 Insertion Loss		0.5	0.9	dB
驻波 VSWR		1.3		:1
耐功率 Power Handling			10	W

环境和机械特性 Envirionmental And Physical Characteristics:

参数 Parameter	类型 Description	单位 Units
材质 Material	Aluminum	
表面处理 Finish	Gold Plated	
同轴接口 Coax Connector	1.85mm Female	
波导 Waveguide	WR-15/UG-385/U-M	

外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



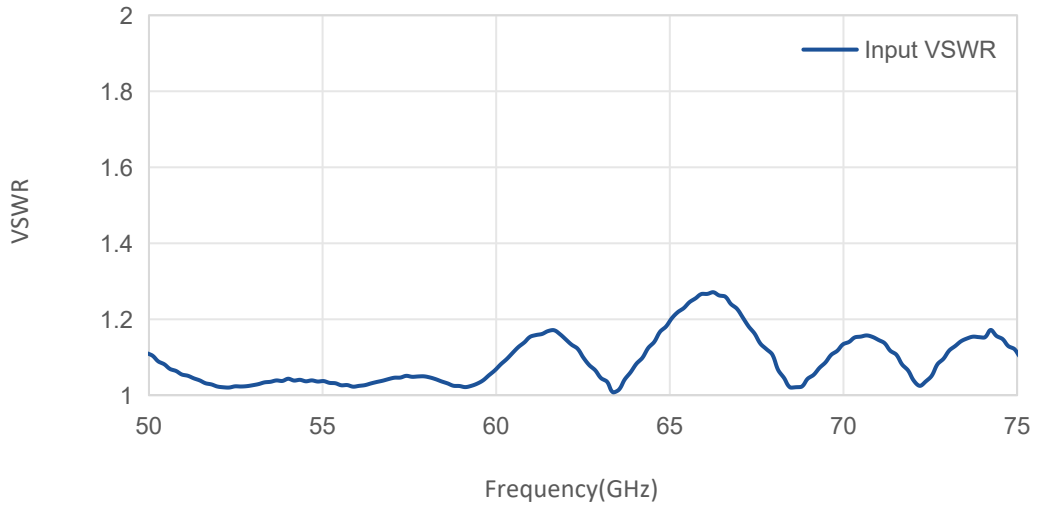
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

订货信息 Ordering Information:

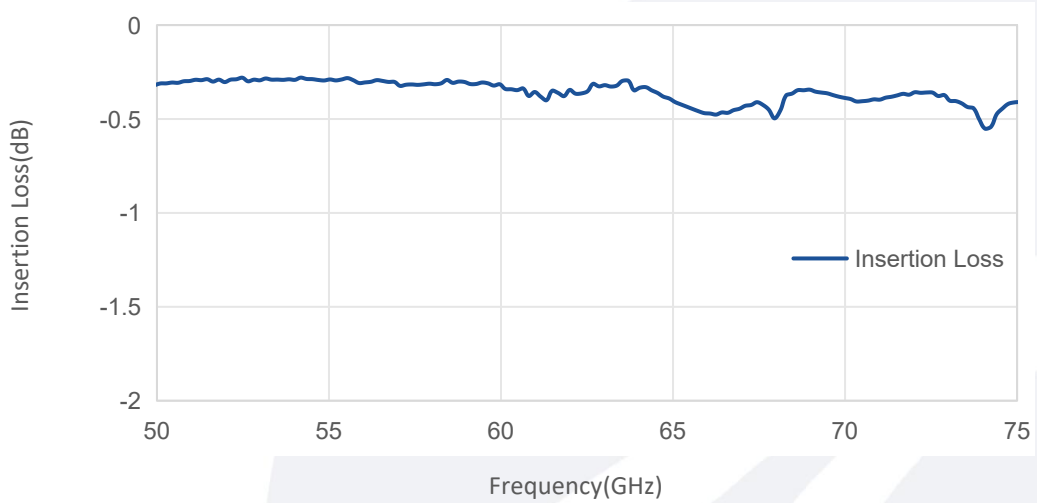
标准型号 Base Number	描述 Description	版本号 Revision
TL-15WCA1.85R	Waveguide to Coax Adapter, Right Angle WR15/1.85mm Female, 50-75GHz	Rev.1.0

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.