

Waveguide to Coax Adapter, Right Angle

WR-10/1.0mm Female/75-110GHz

Model: TL-10WCA1.0R-CU

The TL-10WCA1.0R-CU is right angle waveguide to coax adapters that cover the frequency range of 75 to 110 GHz. It is designed for an efficient transition between the rectangular waveguide and 1.0 mm coax connector.

Features:

- Operating Frequency 75 to 110GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies



电气特性 Electrical Characteristics:

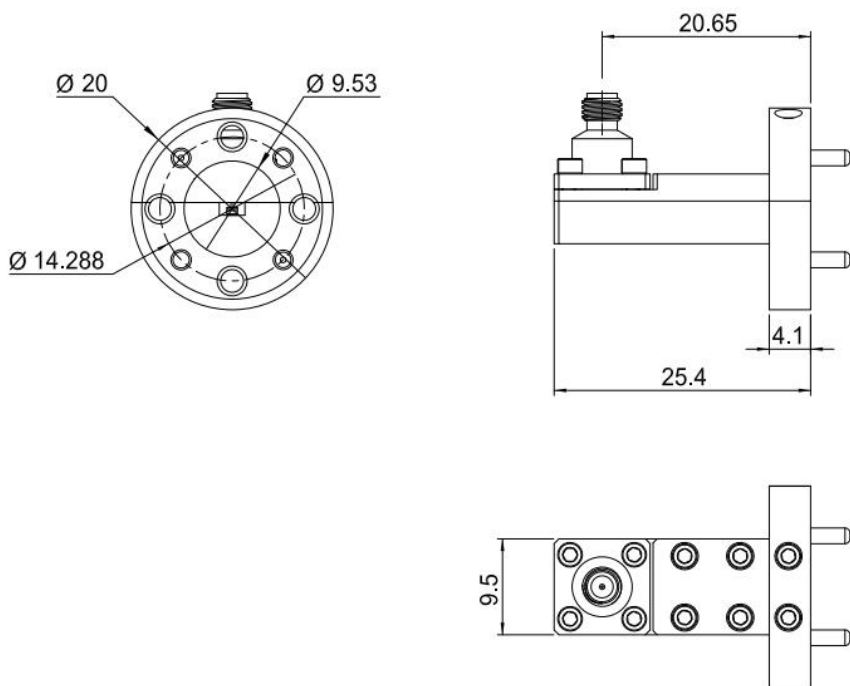
参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	75		110	GHz
插损 Insertion Loss		0.6	1	dB
驻波 VSWR		1.3		:1
耐功率 Power Handling			10	W

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 Temperature	-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	WR-10/UG-387/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-10WCA1.0R-CU	Waveguide to Coax Adapter, Right Angle WR-10/1.0mm Female,75-110GHz	Rev.1.0