

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



Electrical Characteristics:

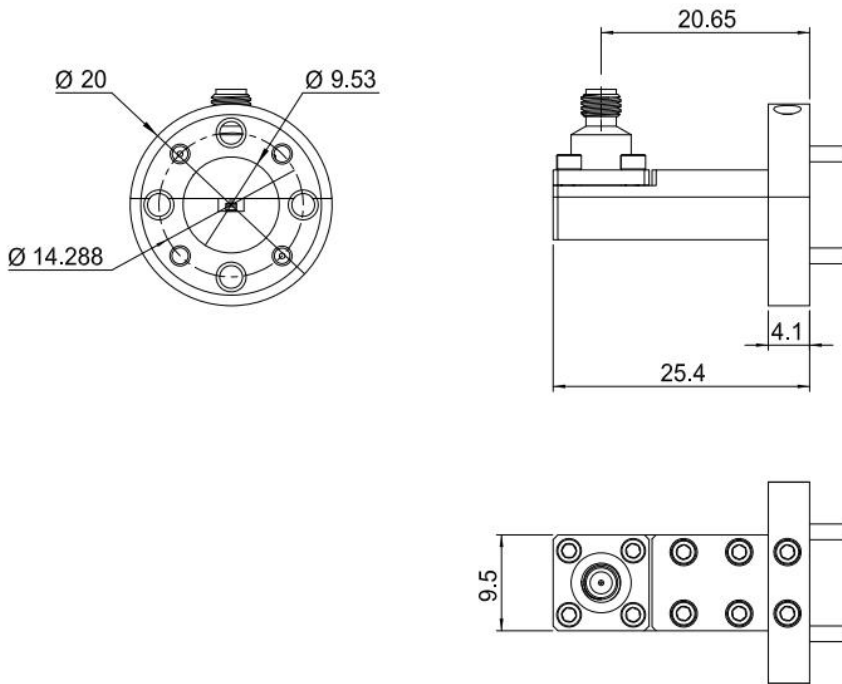
Parameter	Min	Typ	Max	Units
Frequency Range	75		110	GHz
Insertion Loss		0.6	1	dB
VSWR		1.3		:1
Power Handling			10	W

Environmental And Physical Characteristics:

Parameter	Description	Units
Operating Temperature	-40 To +85	°C
Storage Temperature	-40 to +85	°C
Material	Brass	
Finish	Gold Plated	
Coax Connector	1.0mm Female	
Waveguide	WR-10/UG-387/U-M	

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

Ordering Information:

Base Number	Description	Revision
TL-10WCA1.0R-CU	Waveguide to Coax Adapter, Right Angle WR-10/1.0mm Female,75-110GHz	Rev.1.0