

Waveguide to Coax Adapter, End Launch

WR-15/1.0mm Male/50-75GHz

Model: TL-15WCA1.0ME

The TL-15WCA1.0ME is end launch waveguide to coax adapters that cover the frequency range of 50 to 75 GHz. It is designed for an efficient transition between the rectangular waveguide and 1.0 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

Electrical Characteristics:

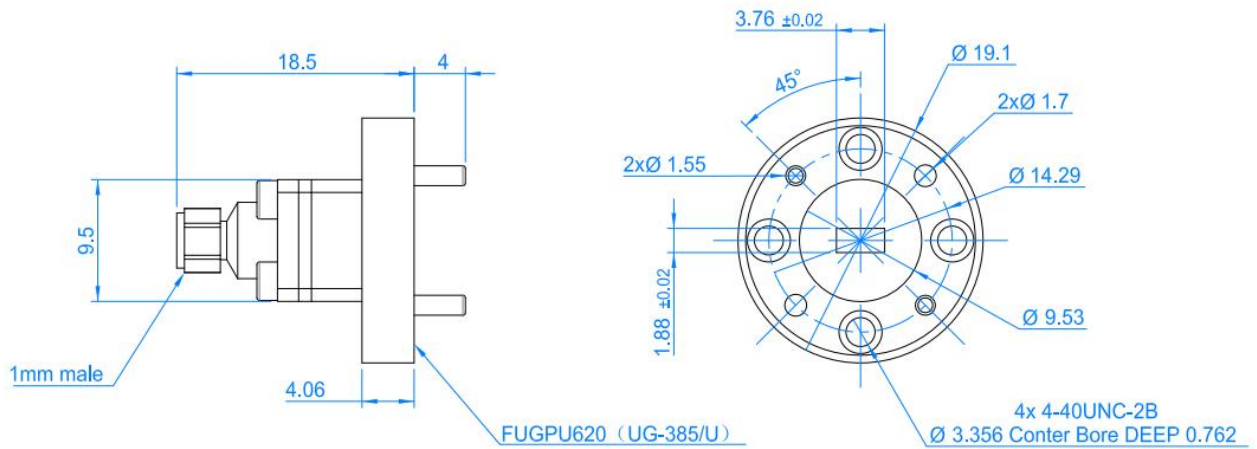
Parameter	Min	Typ	Max	Units
Frequency Range	50		75	GHz
Insertion Loss		0.5	0.8	dB
VSWR		1.4		:1
Power Handling			10	W

Envrionmental And Physical Characteristics:

Parameter	Description	Units
Operating Temerature	-40 To +85	°C
Storage Temerature	-40 to +85	°C
Material	Aluminum	
Finish	Gold Plated	
Coax Connector	1.0mm Male	
Waveguide	WR-15/UG-385/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-15WCA1.0ME	Waveguide to Coax Adapter, End Launch WR15/1.0mm Male,50-75GHz	Rev.1.1