

Waveguide to Coax Adapter, End Launch

WR-19/2.4mm Male/39.2-50GHz

Model: TL-19WCA2.4ME

The TL-19WCA2.4ME is end launch waveguide to coax adapters that cover the frequency range of 39.2 to 50GHz. It is designed for an efficient transition between the rectangular waveguide and 2.4mm male coax connector.

Features:

- Operating Frequency 39.2 to 50GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies

Electrical Characteristics:

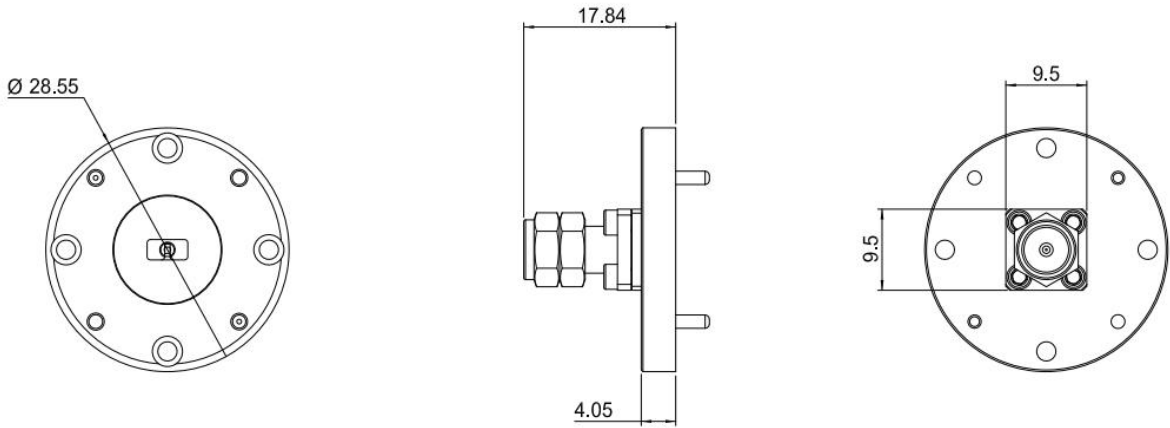
Parameter	Min	Typ	Max	Units
Frequency Range	39.2		50	GHz
Insertion Loss		0.5	0.8	dB
VSWR		1.2		:1
Power Handling			10	W

Envrionmental And Physical Characteristics:

Parameter	Description	Units
Material	Aluminum	
Finish	Gold Plated	
Coax Connector	2.4mm Male	
Waveguide	WR-19/UG-383/U-M	

Outline Drawing:

Unit:mm; Tolerance:±0.1mm



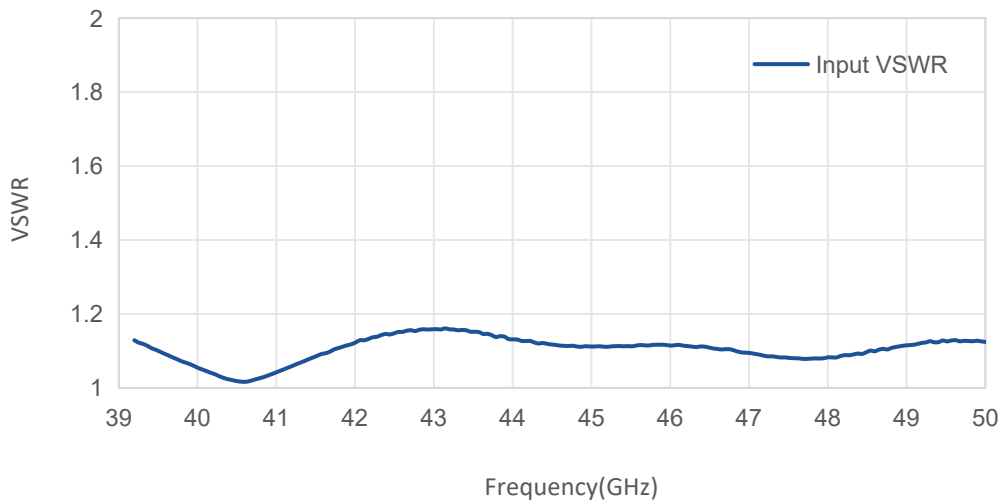
ESD Protection: Strictly
adhere to ESD precautions
to prevent electrostatic
damage.

Ordering Information:

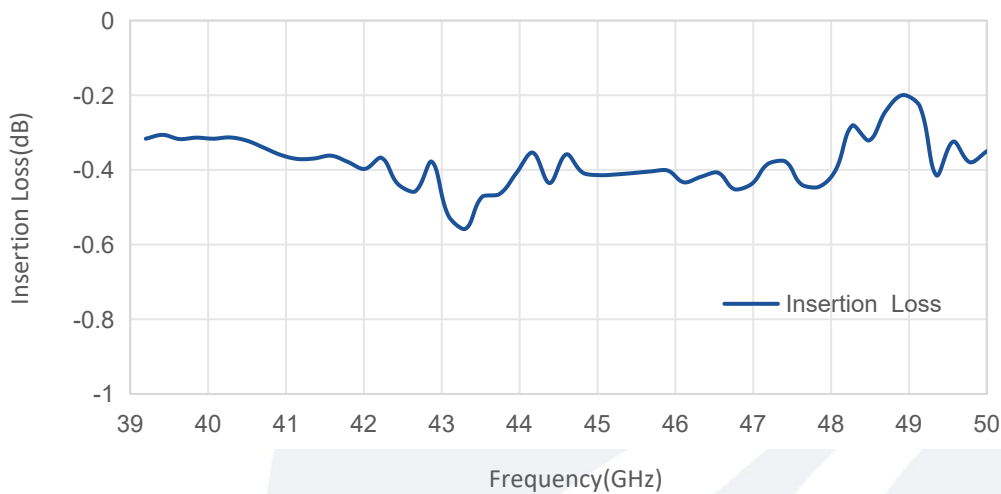
Base Number	Description	Revision
TL-19WCA2.4ME	Waveguide to Coax Adapter, End Launch WR-19/2.4mm Male,39.2-50GHz	Rev.1.0

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.