Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Waveguide to Coax Adapter, End Launch

WR19/1.85mm Female/40-60GHz

Model: TL-19WCA1.85E

The TL-19WCA1.85E is end launch waveguide to coax adapters that cover the frequency range of 40 to 60 GHz. It is designed for an efficient transition between the rectangular waveguide and 1.85 mm coax connector.

Features:

- Operating Frequency 40 to 60GHz
- 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	40		60	GHz
Insertion Loss		0.4	0.8	dB
VSWR		1.3		:1
Power Handing			10	W

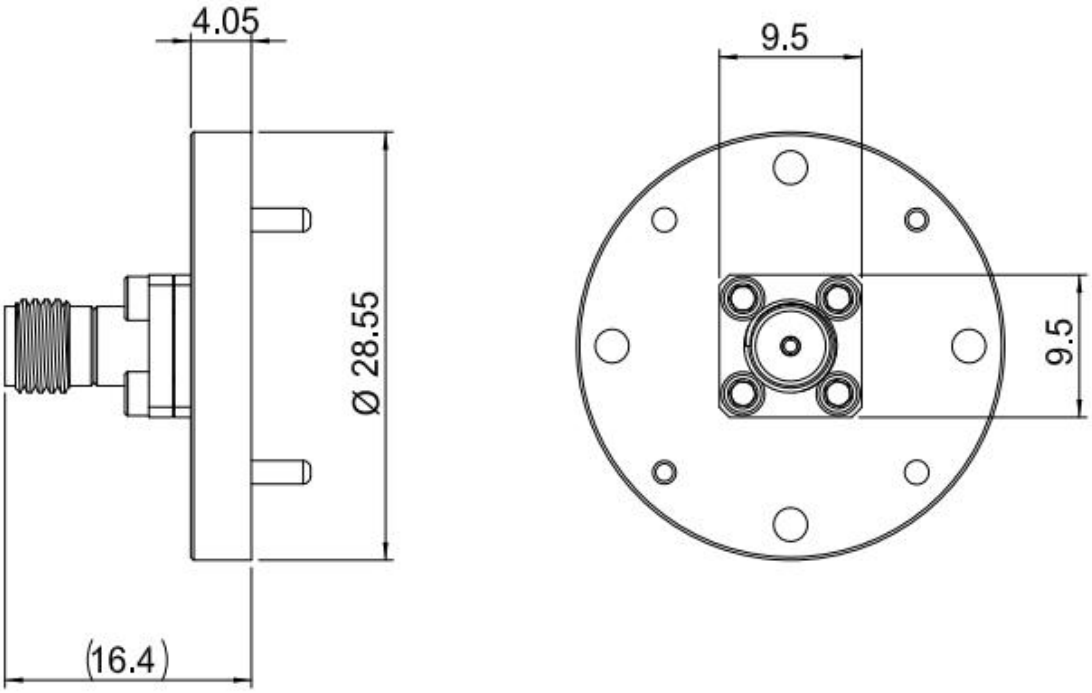
Envrionmental And Physical Characteristics:

Parameter	Description	Units
Operating Temerature	-40 To +85	℃
Storage Temerature	-40 to +85	℃
Material	Copper	
Finish	Gold Plated	
Coax Connector	1.85mm Female	
Waveguide	WR19/UG-383/U-M	
Size	16.4*ø28.55	mm

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm



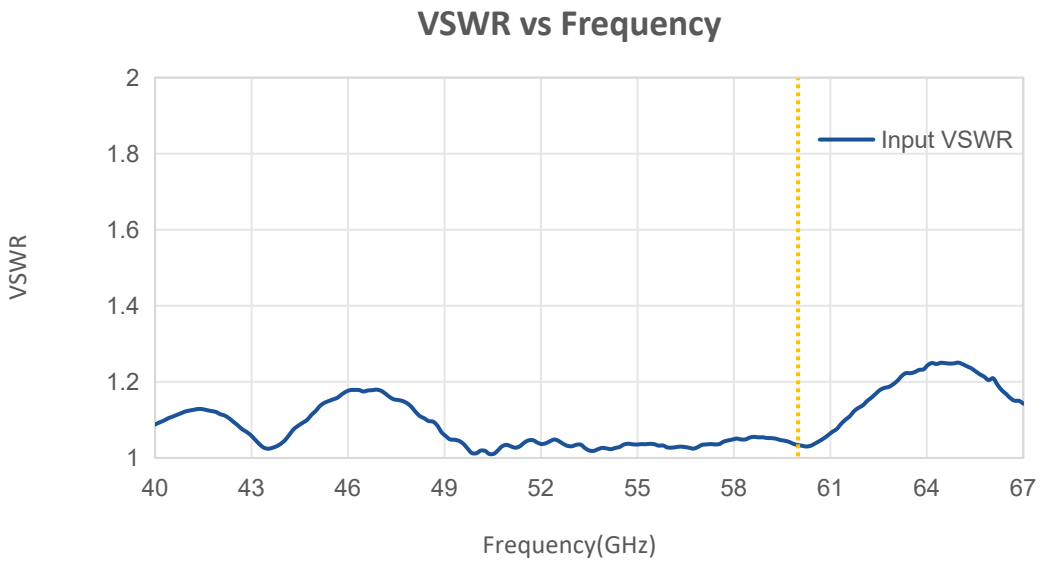
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

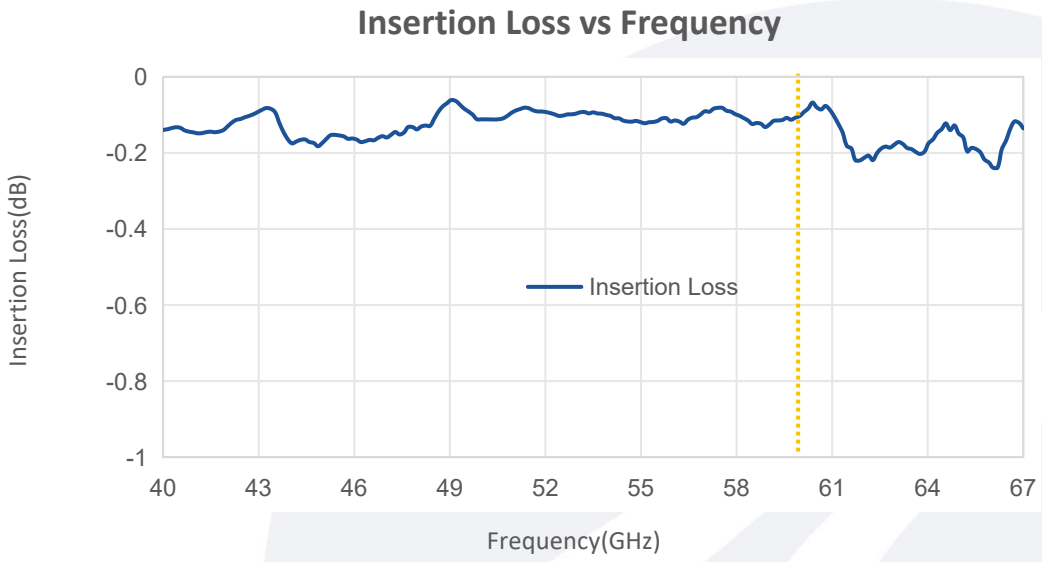
Ordering Information:

Base Number	Description	Revision
TL-19WCA1.85E	Waveguide to Coax Adapter, End Launch WR19/1.85mm Female,40-60GHz	Rev.1.1

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Typical Performance Data:





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.