Suzhou Talent Microwave,Inc
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Waveguide to Coax Adapter, Right Angle

WR-19/1.85mm Female/40-60GHz Model: TL-19WCA1.85R

The TL-19WCA1.85R is right angle 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			1.6	:1
Power Handing			10	W

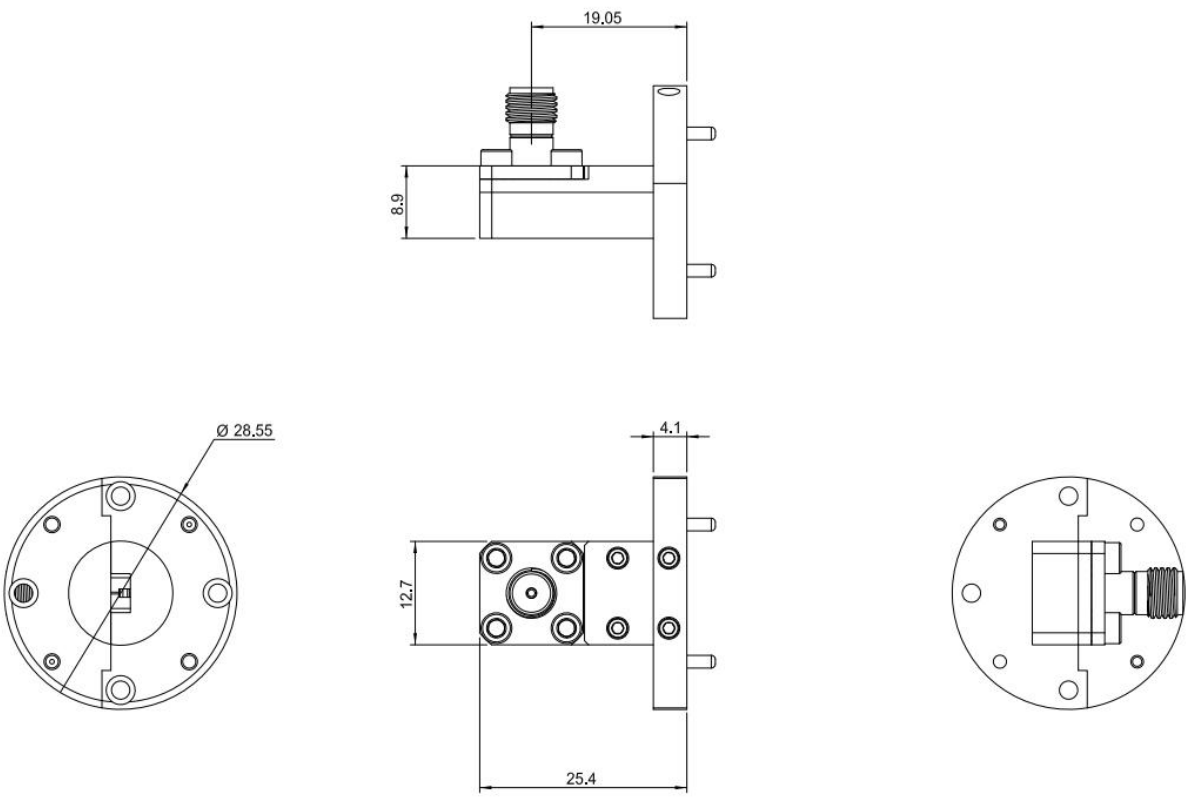
Physical Characteristics:

Parameter	Description	Units
Material	Copper	
Finish	Gold Plated,Blue paint	
Coax Connector	1.85mm Female	
Waveguide	WR19/UG-383/U-M	

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm

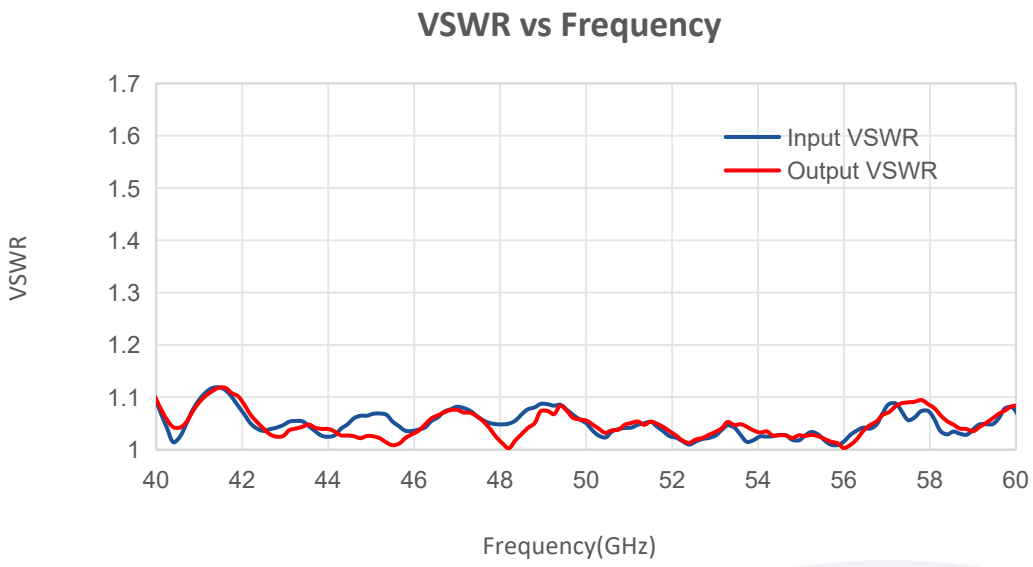


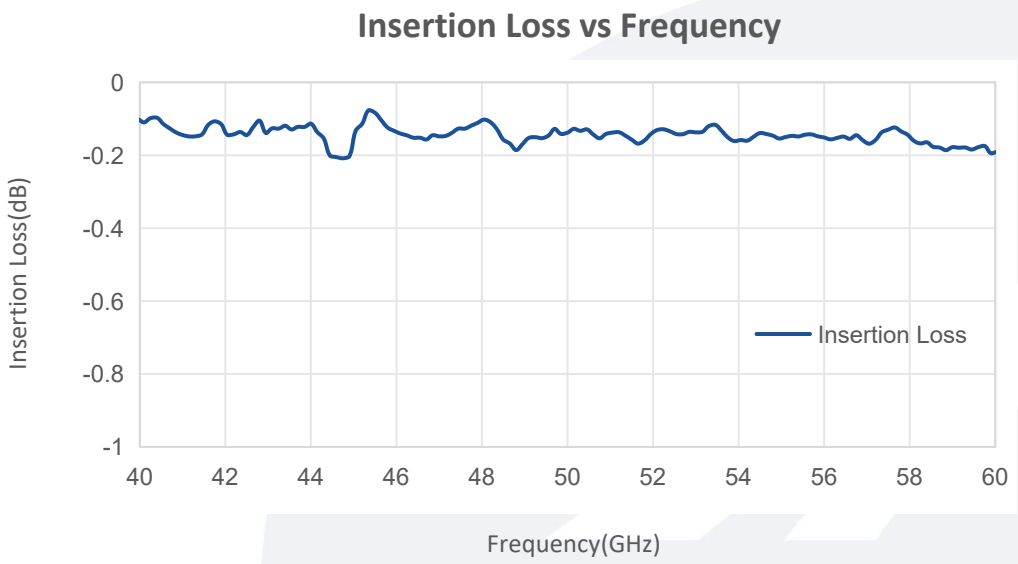
Ordering Information:

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

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Typical Performance Data(Tested back-to-back):





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.