Suzhou Talent Microwave,Inc
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Waveguide to Coax Adapter, End Launch

WR-15/1.85mm Female/50-75GHz Model: TL-15WCA1.85E-75G

The TL-15WCA1.85E-75G 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 1.85 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	0.9	dB
VSWR		1.3		:1
Power Handing			10	W

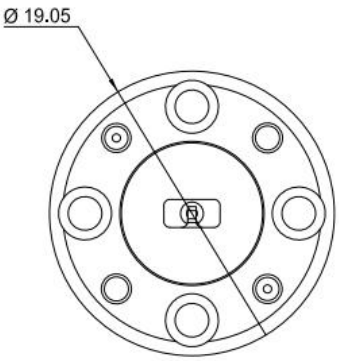
Envrionmental And Physical Characteristics:

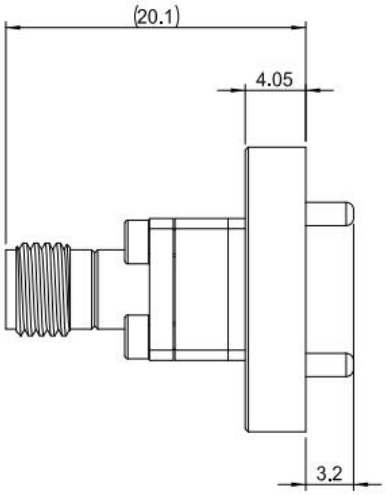
Parameter	Description	Units
Operating Temerature	-40 To +85	℃
Storage Temerature	-40 to +85	℃
Material	Brass	
Finish	Gold Plated	
Coax Connector	1.85mm Female	
Waveguide	WR-15/UG-385/U-M	

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Outline Drawing:

Unit:mm; Tolerance:±0.1mm





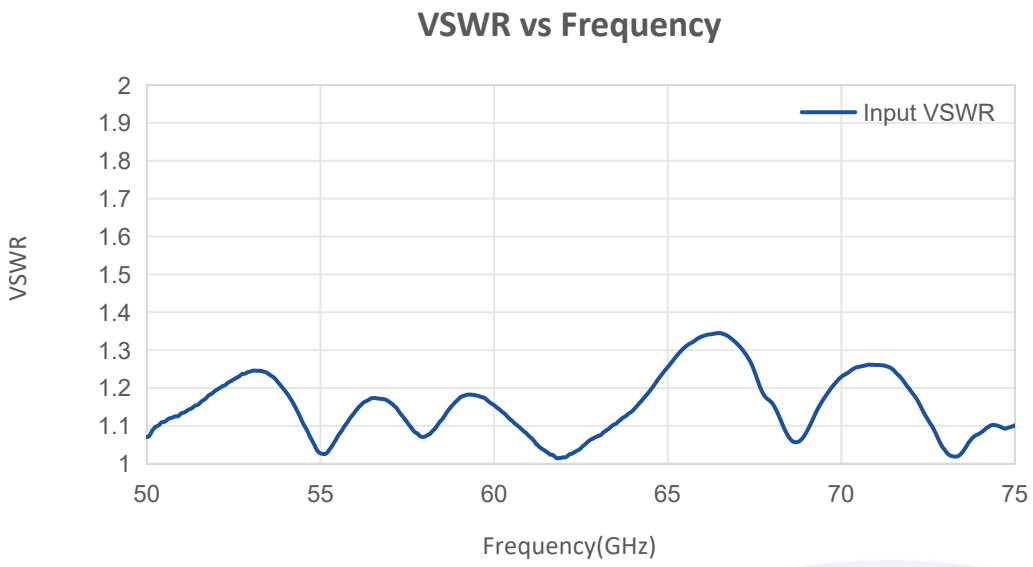
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

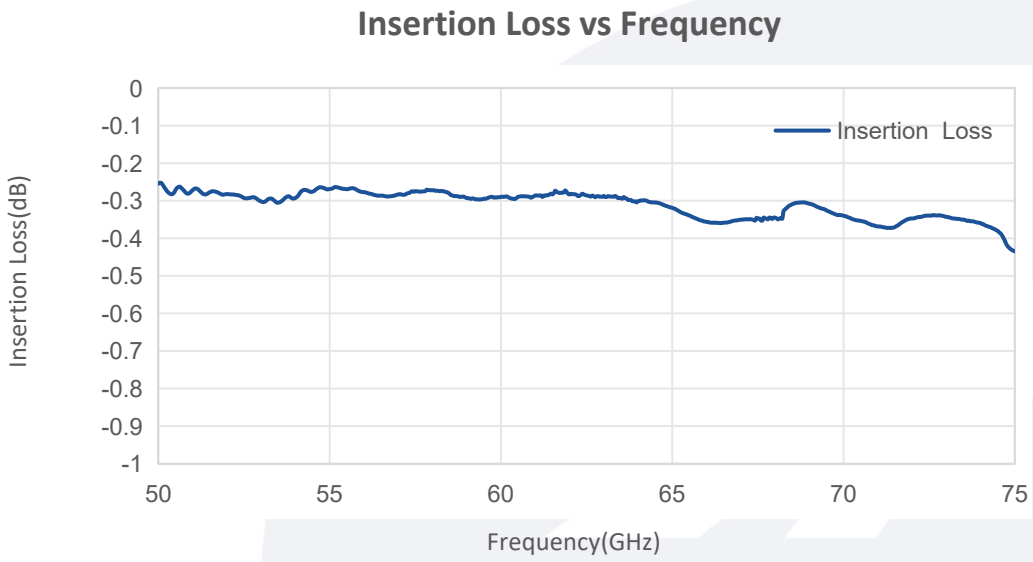
Ordering Information:

Base Number	Description	Revision
TL-15WCA1.85E-75G	Waveguide to Coax Adapter, End Launch WR15/1.85mm Female,50-75GHz	Rev.1.0

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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.