

Waveguide to Coax Adapter, End Launch

WR-12/1.0mm Female/ 60-90GHz

Model: TL-12WCA1.0E

Features:

- Operating Frequency 60 to 90GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies



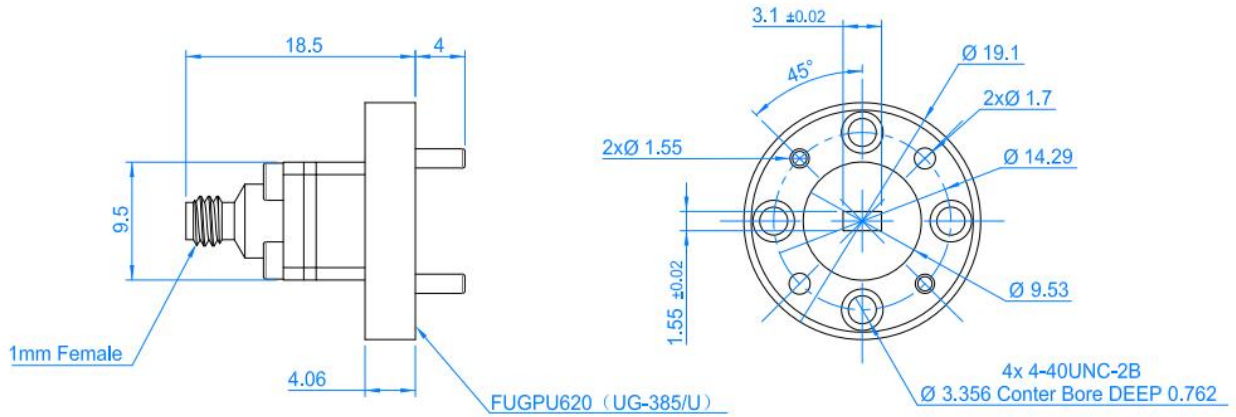
Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	60		90	GHz
VSWR			1.5	:1
Insertion Loss			1.0	dB
Power			2	W

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Operating Temerature	-40 To +85	°C
Storage Temperature	-40 to +85	°C
Material	Al	
Finish	Gold Plated	
Coax Connector	1.0mm Female	
Waveguide	WR12/UG-387/U-M	

Outline Drawing: Unit:mm

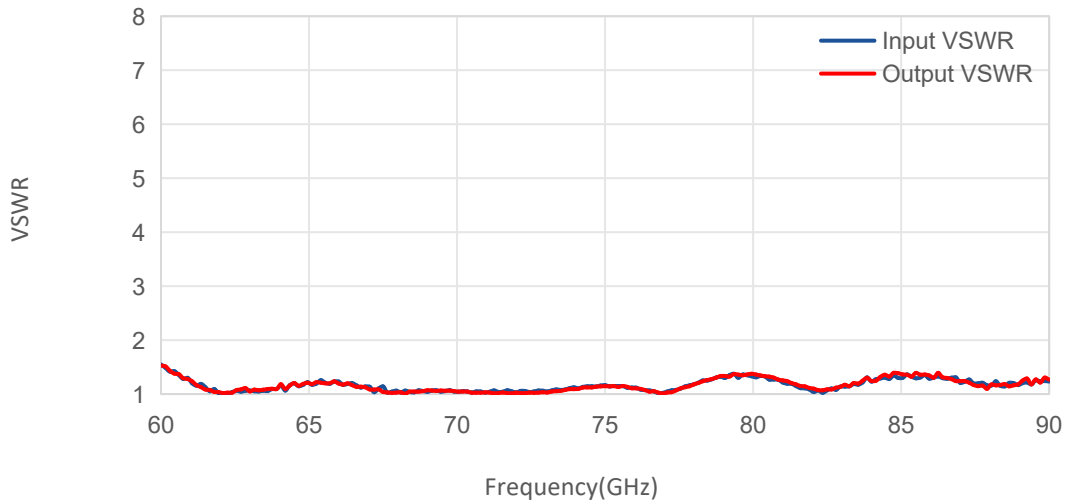


Ordering Information:

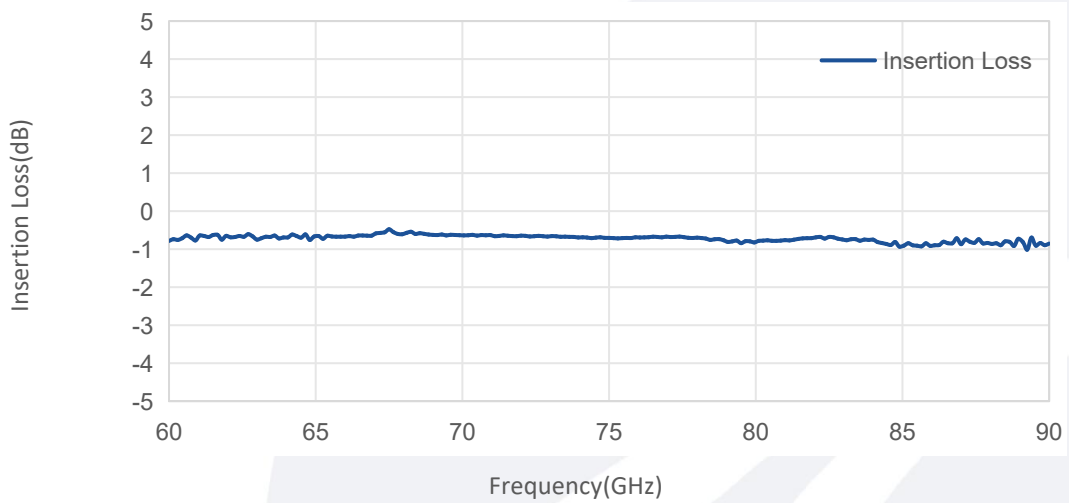
Base Number	Desciption	Revision
TL-12WCA1.0E	Waveguide to Coax Adapter, End Launch WR12/1.0mm Female,60-90GHz	Rev.1.1

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

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.