

Waveguide to Coax Adapter, End Launch

WR-10/1.0mm Female/ 75-110GHz

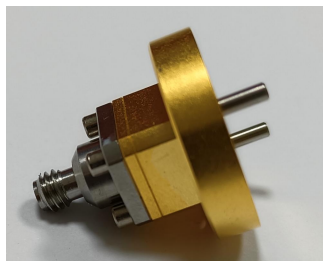
Model: TL-10WCA1.0E

Features:

- Operating Frequency 75 to 110GHz
- Lower Insertion Loss and VSWR
- Instrumentation Grade
- DC Short Circuit

Applications:

- Test Lab
- Instrumentations
- Sub-assemblies



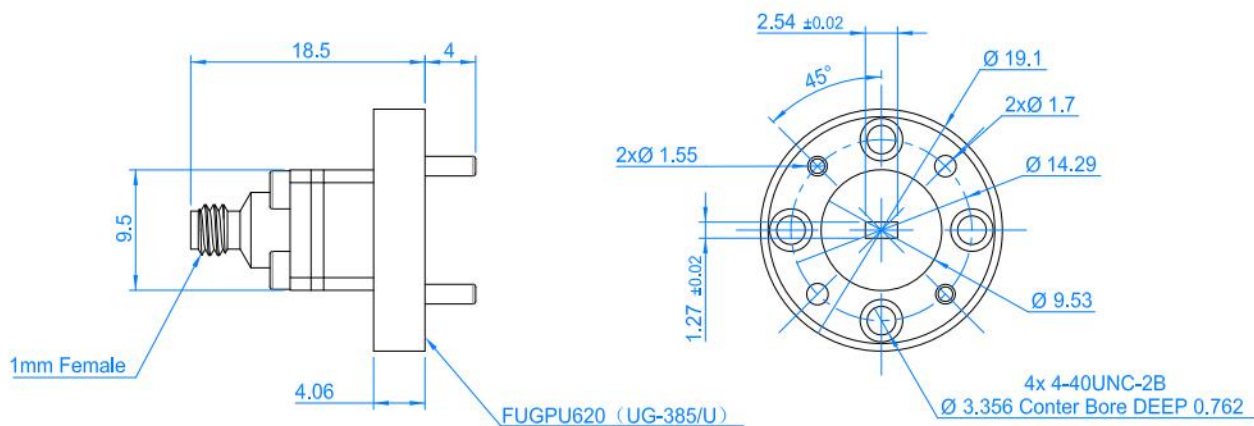
电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 Frequency Range	75		110	GHz
驻波 VSWR			1.5	:1
插损 Insertion Loss			1.0	dB
耐功率 Power			2	W

环境和机械特性 Envirionmental And Physical Characteristics:

类型 Description	参数 Parameter	单位 Units
操作温度 Operating Temperature	-40 To +85	°C
存储温度 Storage Temperature	-40 to +85	°C
材质 Material	Al	
标贴 Finish	Gold Plated	
同轴接口 Coax Connector	1.0mm Female	
波导 Waveguide	WR10/UG-387/U-M	

外形图 Outline Drawing

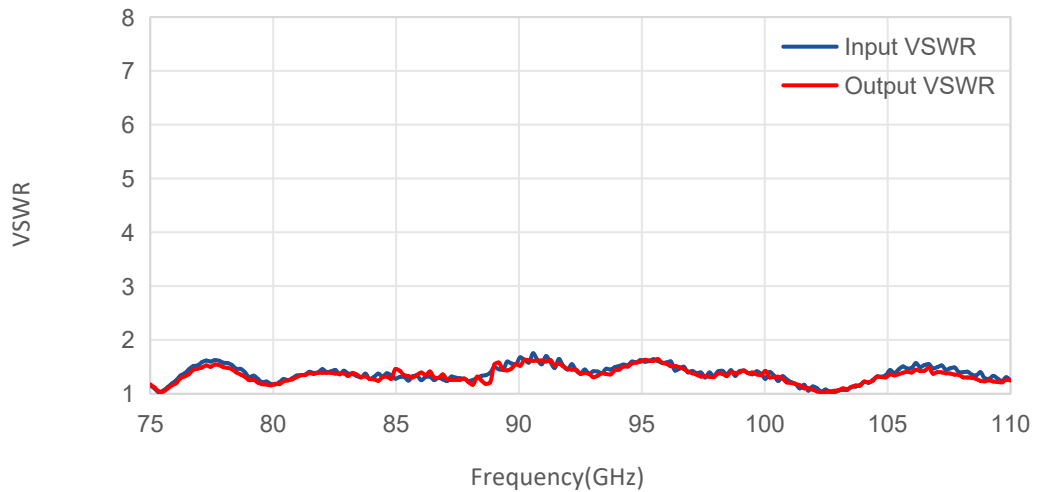


订货信息 Ordering Information:

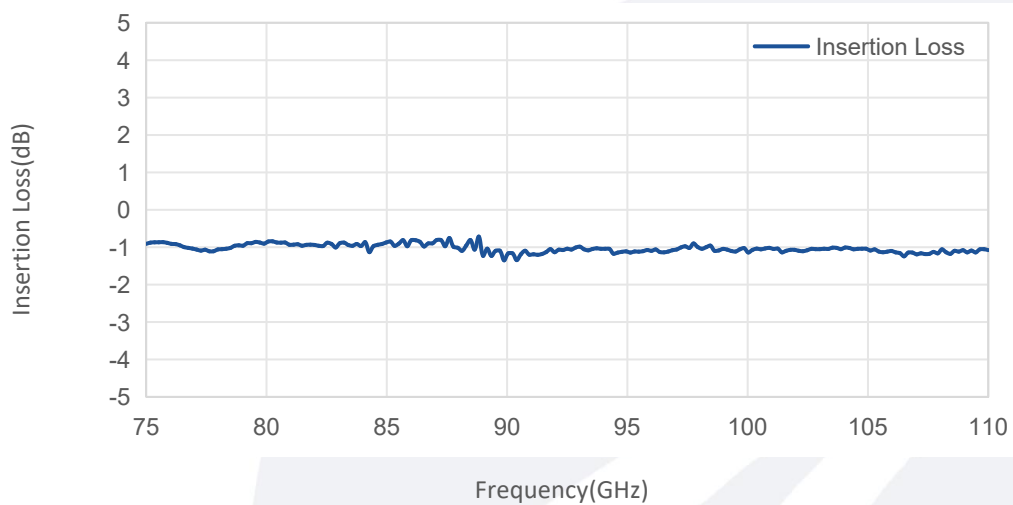
标准型号 Base Number	描述 Desciption	版本号 Revision
TL-10WCA1.0E	Waveguide to Coax Adapter, End Launch WR10/1.0mm Female,75-110GHz	Rev.1.1

典型测试曲线 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.