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

Waveguide to Coax Adapter, End Launch

WR28/2.92mm Female/26-40GHz

Model: TL-28WCAKE-CU

The TL-28WCAKE-CU is end launch waveguide to coax adapters that cover the frequency range of 26 to 40 GHz. It is designed for an efficient transition between the rectangular waveguide and 2.92 mm coax connector.

Features:

- Operating Frequency 26 to 40GHz
- 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	26		40	GHz
插损 Insertion Loss		0.35	0.6	dB
驻波 VSWR		1.2		:1
耐功率 Power Handing			10	W

环境和机械特性 Envrionmental And Physical Characteristics:

参数 Parameter	类型 Description	单位 Units
材质 Material	Brass	
表面处理 Finish	Gold Plated	
同轴接口 Coax Connector	2.92mm Female	
波导 Waveguide	WR28/UG-599/U	

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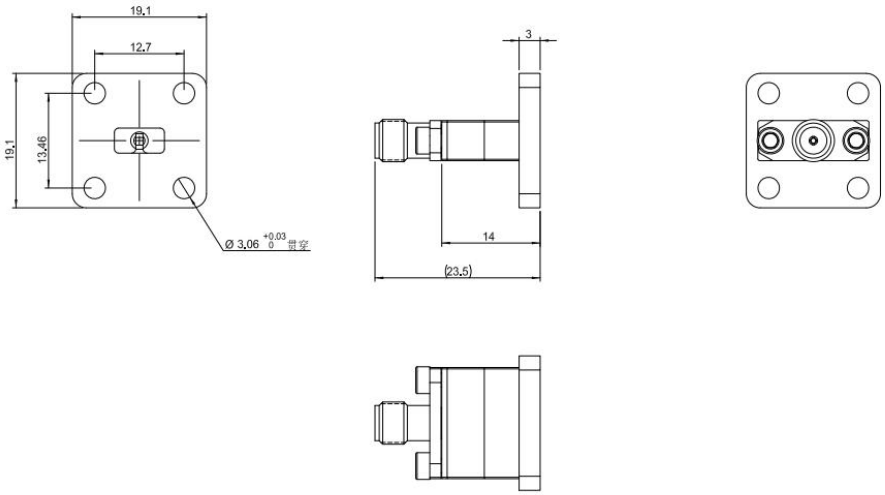
外形图 Outline Drawing:

Unit:mm; Tolerance:±0.1mm



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

订货信息 Ordering Information:

标准型号 Base Number	描述 Description	版本号 Revision
TL-28WCAKE-CU	Waveguide to Coax Adapter, End Launch WR28/2.92mm Female,26-40GHz	Rev.1.0

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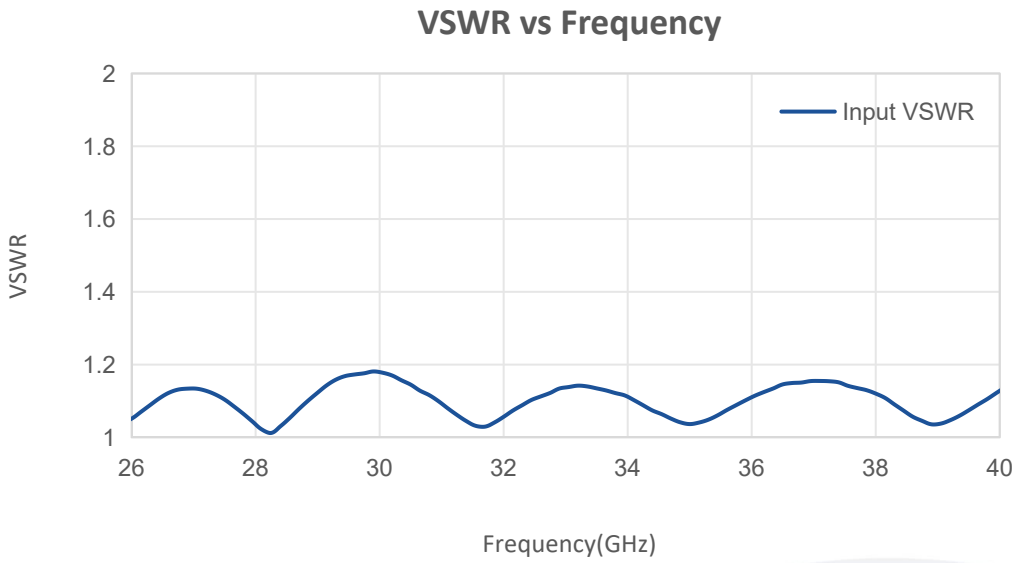
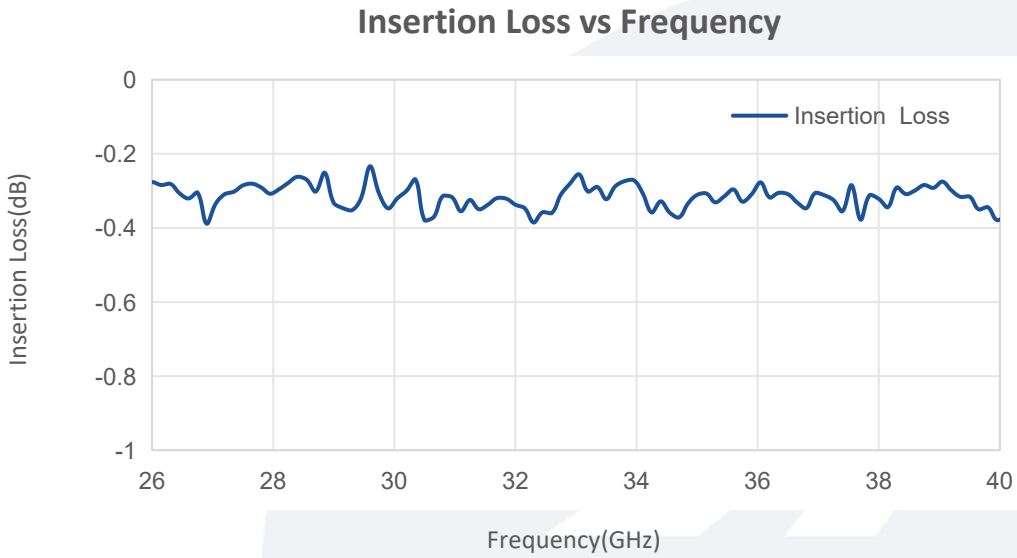
典型曲线 Typical Performance Data(Tested back-to-back):





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.