

## 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

### Electrical Characteristics:

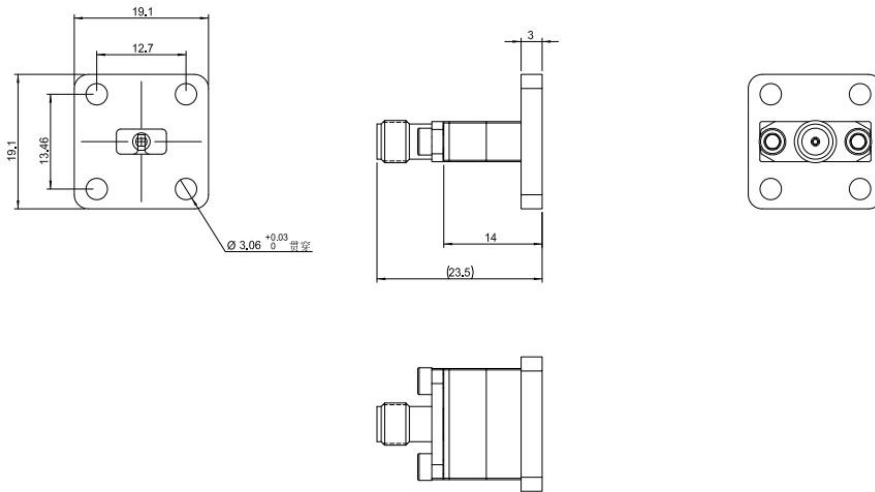

Parameter	Min	Typ	Max	Units
Frequency Range	26		40	GHz
Insertion Loss		0.35		dB
VSWR		1.2		:1
Power Handling			2	W

### Environmental And Physical Characteristics:

Description	Parameter	Units
Material	Brass	
Finish	Gold Plated	
Coax Connector	2.92mm Female	
Waveguide	WR28/UG-599/U	

**Outline Drawing:**

Unit:mm; Tolerance:±0.1mm

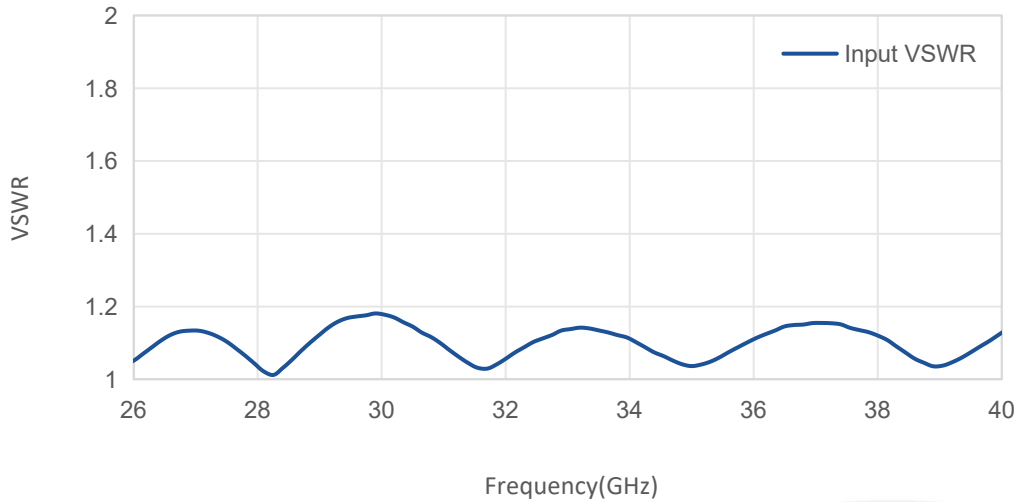
ESD Protection: Strictly adhere to ESD precautions to prevent electrostatic damage.

**Ordering Information:**

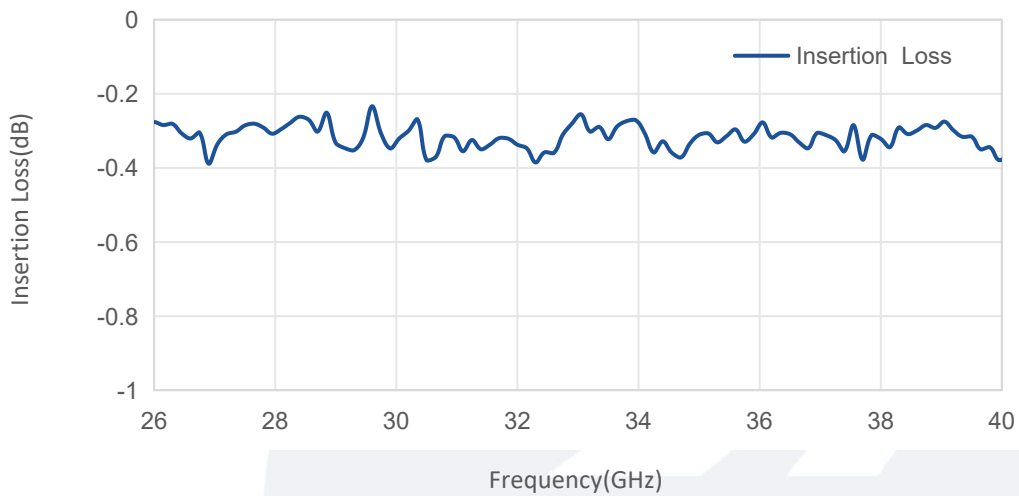
Base Number	Description	Revision
TL-28WCAKE-CU	Waveguide to Coax Adapter, End Launch WR28/2.92mm Female,26-40GHz	Rev.1.0

**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.