

## V-Band Low Power Termination

50-75GHz/WR15/0.5W

Model: TLTT-5075-27-15

TLTT-5075-27-15 is a general purpose WR-15 millimeter waveguide termination. This waveguide termination will operate from 50 to 75 GHz. A Millimeter Waveguide Termination is a passive RF device specifically designed to prevent RF signals from reflecting back from open-ended or unused waveguide ports. Millimeter Waveguide Terminations dissipate RF energy by producing heat energy.

### Features:

- Frequency range:50-75GHz
- High Return Loss
- Instrumentation Grade

### Applications:

- Communication Systems
- Test Equipment

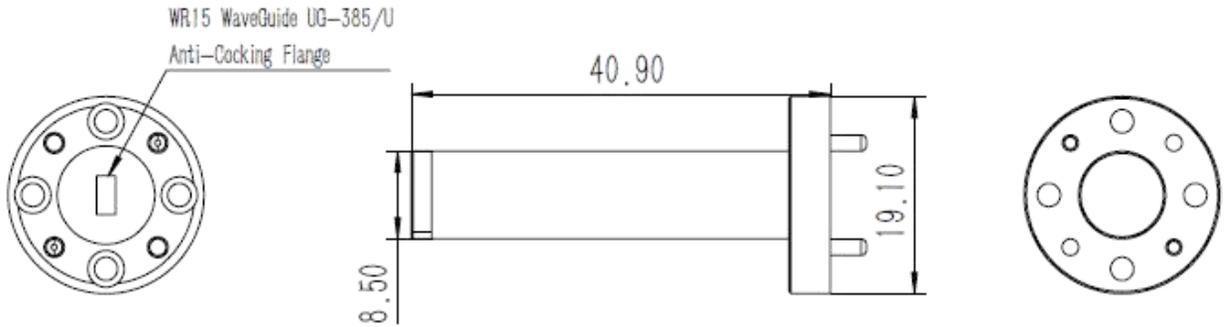
### 电气特性 Electrical Characteristics:

参数 Parameter	Min	Typ	Max	单位 Units
频率范围 RF Frequency range	50		75	GHz
回波损耗 Return Loss		-40		dB
承受功率 Power Handling			0.5	W

### 机械特性 Mechanical Specifications:

参数 Parameter	指标 Value	单位 Units
操作温度 Operating Temperature	-55 To +125	°C
存储温度 Storage Temperature	-55 To +125	°C
接口 Connector	WR-15/UG-385/U	
表壳材质 Case Material	Copper	
表面处理 Finish	Gold Plated	
尺寸 Size	40.9*8.5	mm

**外形图 Outline Drawing: Unit:mm**

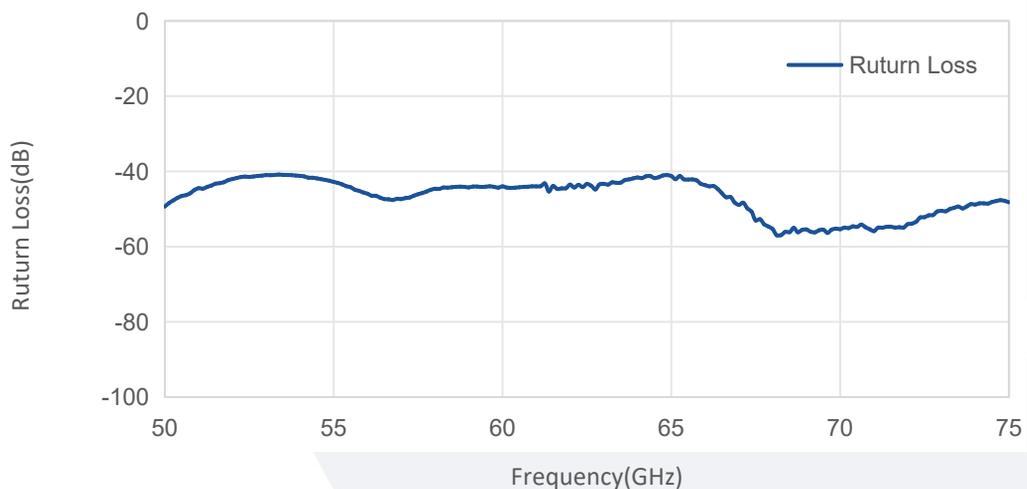


**订货信息 Ordering Information:**

标准型号 Base Number	描述 Description	版本号 Revision
TLTT-5075-27-15	V-Band Low Power Termination Load Return Loss:-40dB	Rev.1.1

**典型曲线 Typical Performance Data:**

**Return 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.