

## 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

### Electrical Characteristics:

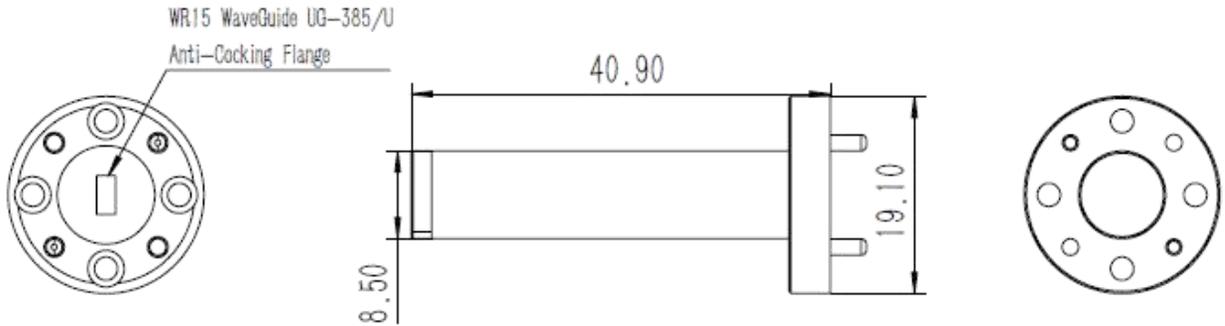
Parameter	Min	Typ	Max	Units
RF Frequency range	50		75	GHz
Return Loss		-40		dB
Power Handling			0.5	W

### Mechanical Specifications:

Parameter	Value	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-55 To +125	°C
Connector	WR-15/UG-385/U	
Case Material	Copper	
Finish	Gold Plated	
Size	40.9*8.5	mm

**Outline Drawing:** Unit:mm

**Regulatory Compliance:**

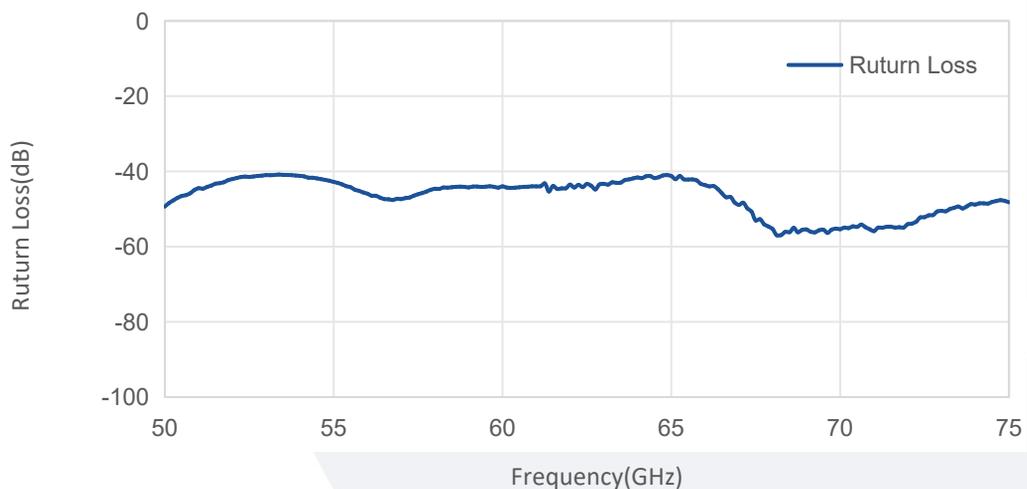


**Ordering Information:**

Base Number	Description	Revision
TLTT-5075-27-15	V-Band Low Power Termination Load Return Loss:-40dB	Rev.1.1

**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.