

## W-Band Low Power Termination Load

75-110GHz/WR10/0.5W

Model: TLTT-75110-27-10

TLTT-75110-27-10 is a general purpose WR-10 millimeter waveguide termination. This waveguide termination will operate from 75 to 110 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: 75-110GHz
- High Return Loss
- Instrumentation Grade

### Applications:

- Communication Systems
- Test Equipment

### Electrical Characteristics:

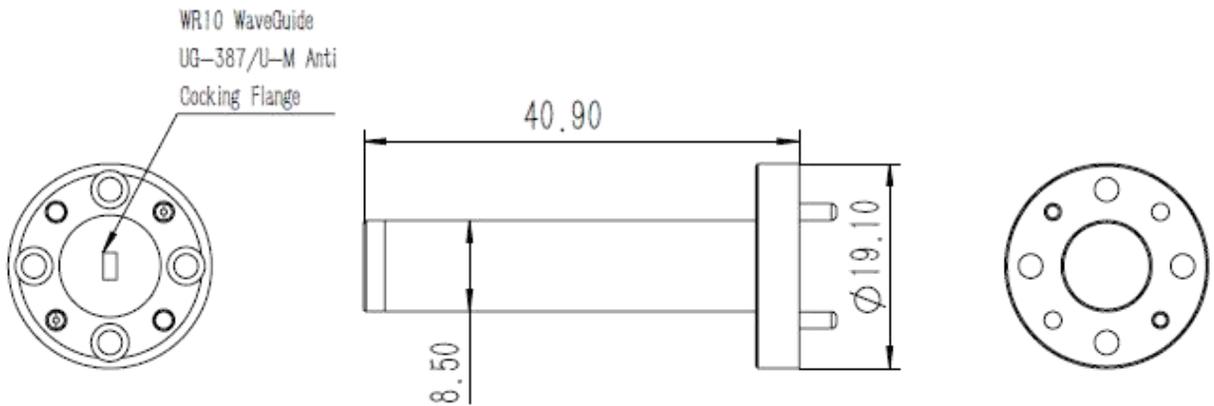
Parameter	Min	Typ	Max	Units
RF Frequency range	75		110	GHz
Return Loss		-35		dB
Power Handling			0.5	W

### Mechanical Specifications:

Parameter	Value	Units
Operating Temperature	-55 To +125	°C
Storage Temperature	-55 To +125	°C
Connector	WR-10/UG-387/U	
Case Material	Copper	
Finish	Gold Plated	
Size	40.9*8.5	mm

**Outline Drawing:** Unit:mm

**Regulatory Compliance:**

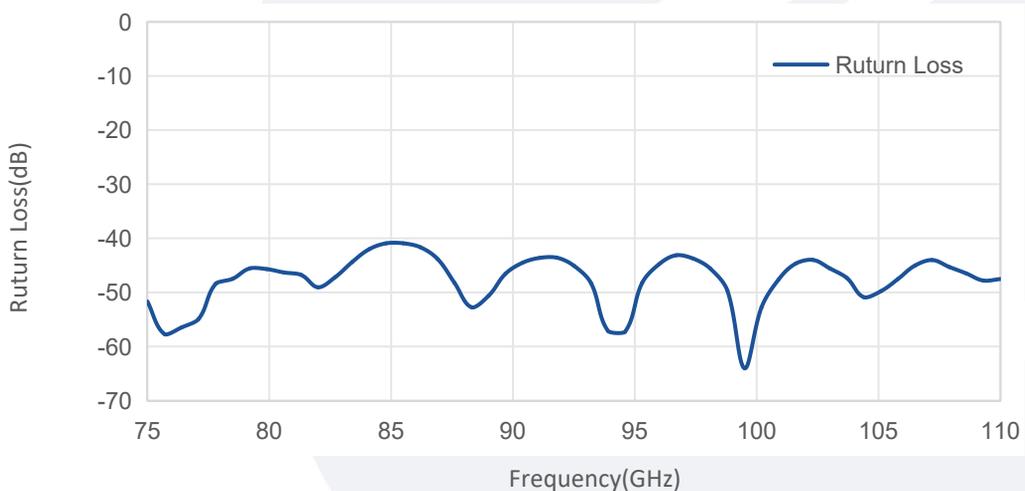


**Ordering Information:**

Base Number	Description	Revision
TLTT-75110-27-10	W-Band Low Power Termination Load Return Loss:-35dB	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.