Suzhou Talent Microwave,Inc
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D-Band Low Power Termination Load

110-170GHz/WR6.5/0.5W

Model: TLTT-110170-27-6.5

TLTT-110170-27-6.5 is a general purpose WR-6.5 millimeter waveguide termination. This waveguide termination will operate from 110 to 170 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:110-170GHz
- High Return Loss
- Instrumentation Grade

Applications:

- Communication Systems
- Test Equipment

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
RF Frequency range	110		170	GHz
Return Loss		-30		dB
Power Handling			0.5	W

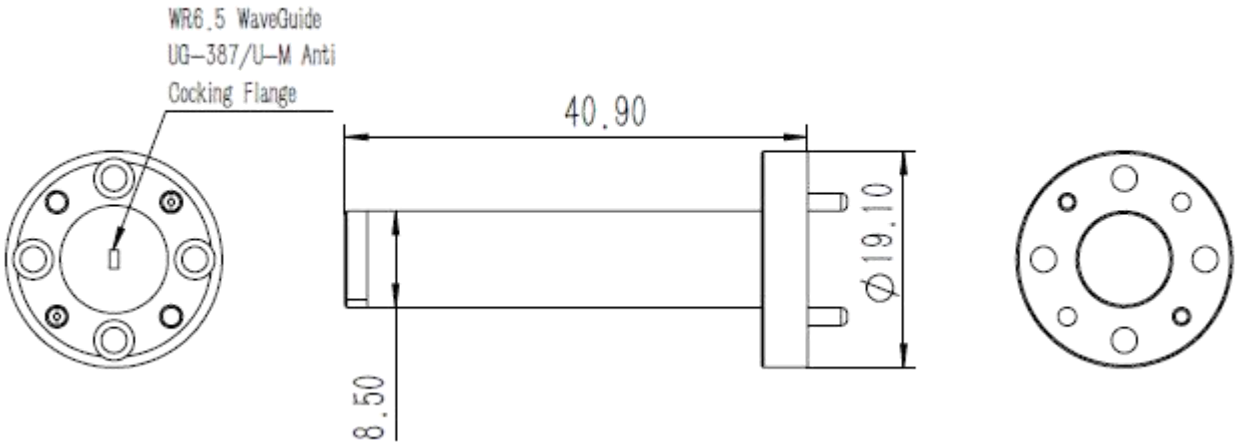
Mechanical Specifications:

Parameter	Value	Units
Operating Temerature	-55 To +125	℃
Storage Temerature	-55 To +125	℃
Connector	WR-6.5/UG-387/U	
Case Material	Copper	
Finish	Gold Plated	
Size	40.9*8.5	mm

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Outline Drawing:

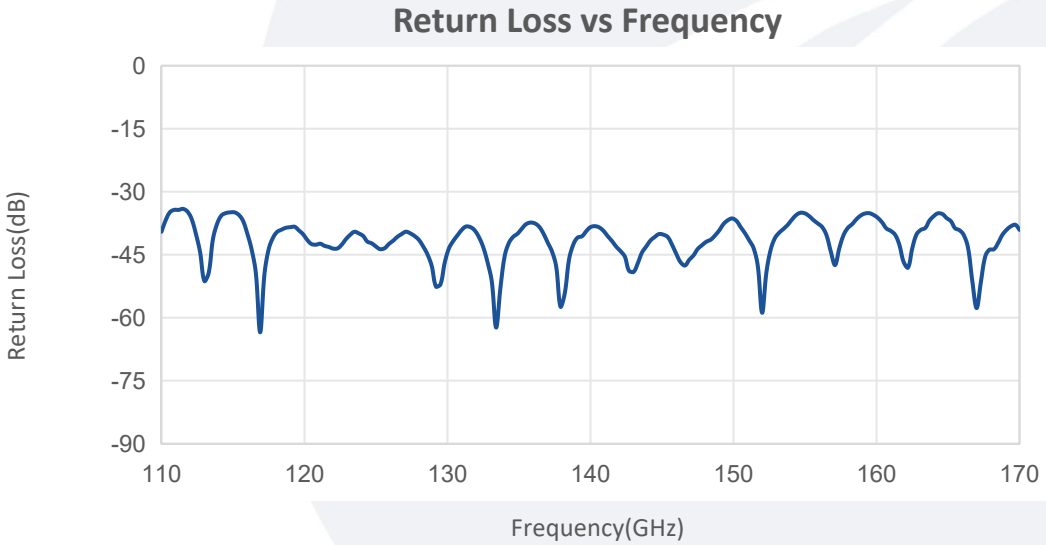
Unit:mm; Tolerance:±0.1mm



Ordering Information:

Base Number	Description	Revision
TLTT-110170-27-6.5	D-Band Low Power Termination Load Return Loss:-30dB	Rev.1.1

Typical Performance Data:



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.