

Power Limiter

2-18GHz /20W,Power Handling

Model: TLMT-2G18G-43-17

The TLMT-2G18G-43-17 is a broadband limiter product. This limiter has an operating frequency range that can cover 2-18 GHz and features stable performance.

Features:

- Ultra Wide Band:2-18 GHz
- RF Power Handling:20W
- Limiting power:17 dBm
- Low Insertion Loss
- 50 Ohm Matched Input / Output

Applications:

- Communication receiver
- Laboratory test
- Sensor radar

Electrical Characteristics:

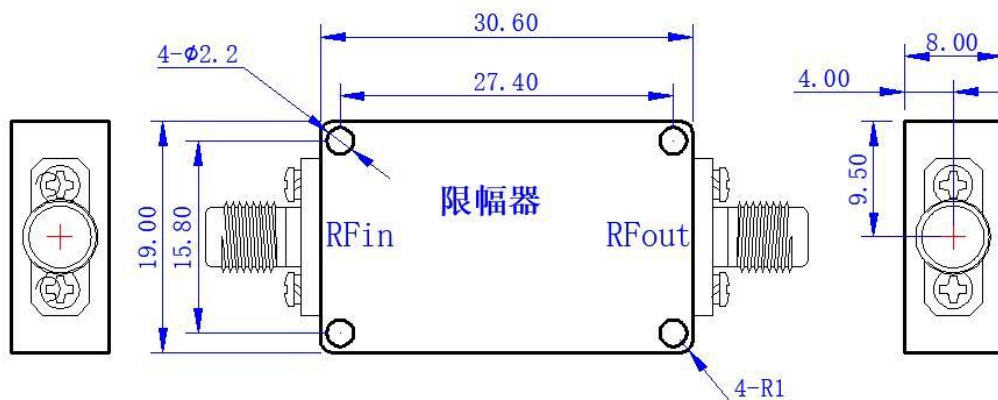
Parameter	Min	Typ	Max	Units
Frequency range	2-18			GHz
Insertion Loss		2.8		dB
Limiting power			17	dBm
Input VSWR		1.6		:1
Output VSWR		1.6		:1
Power handling	20W			
Impedance	50			Ohms

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	SMA Female/SMA Female	
Size	30.6*19*8	mm
Weight	50	g

Outline Drawing:

Unit:mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature	-45		+85	°C
Non-operating Temperature	-55		+125	°C
Relative humidity	100% RH at 35°C, 95%RH at 40°C			%
Altitude	10,000			feet
Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave, 3 axis both directions			

Ordering Information:

Base Number	Description	Revision
TLMT-2G18G-43-17	Power Limiter, 2-18GHz, Limiting power:17 dBm	Rev.1.1

Typical Performance Data:

