

THz VNA Extension Module

Product Features

- Full Band: 170-260GHz
- Output Power: 2dBm typical
- System Dynamic Range:105dB
- Attenuator optional
- Compatible with VDI/R&S/Keysight / Ceyear VNA
- Made in China



Electrical Specs:

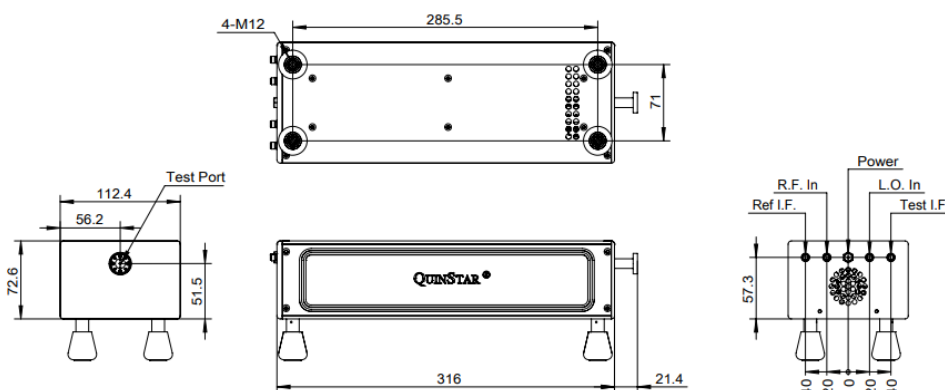
Parameter	Minimum	Typical	Maximum
System Operating Frequency, GHz	170		260
Test Port Output Power, dBm		2	
System Dynamic Range, dB		105	
RF multiplication factor		18	
Reflection & Transmission Tracking, Magnitude, dB		± 0.2	
Reflection & Transmission Tracking, Phase, deg		± 3	
Residual Directivity (with system error correction), dB		25	
Load Match (with system error correction) , dB		30	
IF Frequency Range, MHz	5		3000
Test Port Input Power @ 0.1 dB compress, dBm		10	
RF/LO System Input Frequency, GHz	9.44		14.44
RF/LO System Input Power, dBm	4	7	10
Storage Temperature, °C	0		+50
Operating Temperature, °C	10		+40

Absolute maximum ratings	Maximum
RF input power, dBm	+20
LO System Input Power, dBm	+20

Mechanical Specs:

Item	Specification
Test Port Interface	WR-04 Waveguide with W/UG-387/U-M Flange
RF System Input Interface	SMA-Female
LO System Input Interface	SMA-Female
Test IF System Input Interface	SMA-Female
Ref IF System Input Interface	SMA-Female
Power Supply	220V,50Hz
Weight	3kg
Size (L×W×H)	316mm×112.4mm×72.6mm

Mechanical Outline:



Notes:

1. Datasheet may be changed according to update of Raw materials, process, and so on.
2. This data is the typical performance for the reference.