

325-500GHz 全频段下变频接收模块**325-500GHz Full Band Down-Converters Receiver Module****Product Features**

- Input Frequency: 325-500GHz
- Conversion Loss: 20dB
- IF Frequency: 0.1-26.5GHz
- DC power supply: 12V@500mA
- Built-in voltage regulator circuit
- For 6G/7G Applications

**Electrical Specs(TA=+25℃):**

Parameter	Minimum	Typical	Maximum
Input Frequency(GHz)	325		500
LO Frequency(GHz)	9.02		13.88
IF Frequency(GHz)	0.1		26.5
Conversion Loss (dB)		20@1GHz	
Test Port Sensitivity(dBm/Hz)		-150	
Test Port Return Loss(dB)		9	
P1dB Input Power (dBm)	-10		
LO Power(dBm)	3	7	10
DC Voltage(V)		12	
DC Supply Current(mA)		500	
Operating Temperature(℃)	+10	+25	+40

Mechanical Specs:

Item	Specification
Test Port Interface	WR2.2/UG 387
LO/IF Port Interface	SMA Female
Size (W×L×H)	158.4mm*30mm*22mm

Notes:

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