

220-330GHz 全频段下变频接收模块**220-330GHz Full Band Down-Converters Receiver Module****Product Features**

- Input Frequency: 220-330GHz
- Conversion Loss: 12dB
- 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)	220		330
LO Frequency(GHz)	9.16		13.75
IF Frequency(GHz)	0.1		26.5
Conversion Loss (dB)		12@1GHz	
Test Port Sensitivity(dBm/Hz)		-155	
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	WR3.4/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.