

Model: TLSE-320350-1330-2.8
**WR-2.8 Frequency Extender
 X24 ,320-350 GHz, Output Power: 13 dBm**
Feature:

- Output Frequency: 320-350 GHz
- Output Power : 13 dBm Typ
- Low power consumption

电气特性 Electrical:

参数Parameter	Min.	Typ.	Max.	单位Units
输出频率 Output Frequency	320	340	350	GHz
输出功率 Output Power		13		dBm
动态范围 Dynamic Range (选机械衰减器Optional mechanical Attenuator)		30		dB
输入频率 Input Frequency	13.33		14.58	GHz
输入功率 Input Power	+2		+6	dBm
倍频次数 Multiply Factor		24		dB
谐波抑制 Harmonic Suppression		-20		dBc
供电电压 DC Voltage		220		V

机械特性 Mechanical :

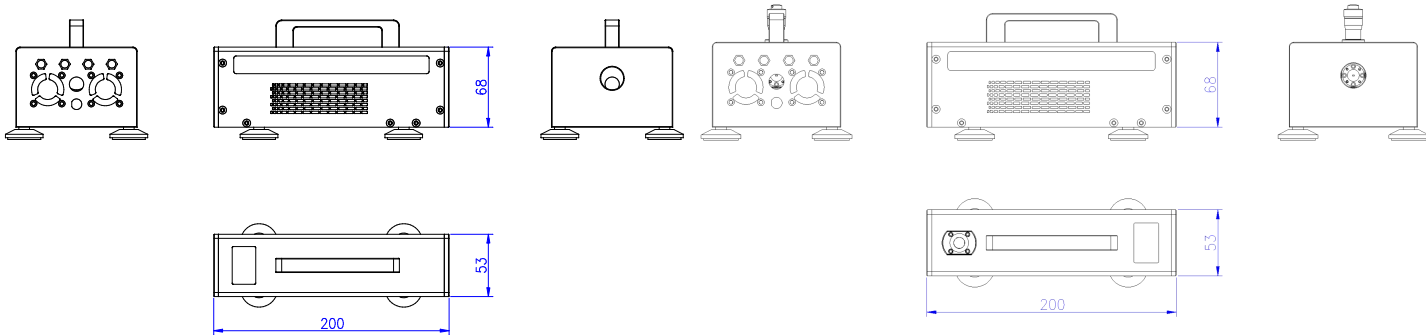
参数Parameter	指标 Value	单位Units
输出接口Output Connector	WR-2.8/UG-387/U	
输入接口Input Connector	SMA Female	
馈电 Interface	Power adapter: 100-240VAC	
尺寸 Size	200*68*53	mm

绝对最大值 Absolute Maximum Ratings:

参数Parameter	指标 Value
供电偏置电压 Supply Bias Voltage	+220 V
输入功率 RF INPUT POWER	+6 dBm
ESD灵敏度 ESD sensitivity (HBm)	Class 0, passed 150V

外形尺寸 Outline Drawing:

Unit: mm



OBSERVE PRECAUTIONS
ELECTROSTATIC SENSITIVE
DEVICES

温度环境 Environmental Conditions:

参数Parameter	Min.	Typ.	Max.	单位Units
操作温度 Operating Temperature	-10		+65	°C
存储温度 Non-operating Temperature	-55		+85	°C
相对湿度 Relative humidity		95		%
海拔 Altitude	50,000			feet
震动 Shock / Vibration(MIL-STD-810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
冲击 Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

订货信息 Ordering Information:

标准型号 Part Number	描述 Description	版本号Revision
TLSE-320350-1330-2.8	WR-2.8 Frequency Extender X24 ,320-350 GHz, Output Power: 13 dBm,	Rev 1.2
TLSE-320350-1330-2.8-A	WR-2.8 Frequency Extender X24 ,320-350 GHz, Output Power: 13 dBm, with mechanical Attenuator	Rev 1.2

典型曲线 Typical Performance Data:

