

Tech specifications

Parameters	Min	Typical	Max	Units
Frequency	4	~	4.4	GHz
Gain	48			dB
Gain flatness			± 1	dB
Harmonic Rejection			20@P0:51dBm	dBc
Spur reduction			65	dBc
VSWR			1.8	
Psat	120			W

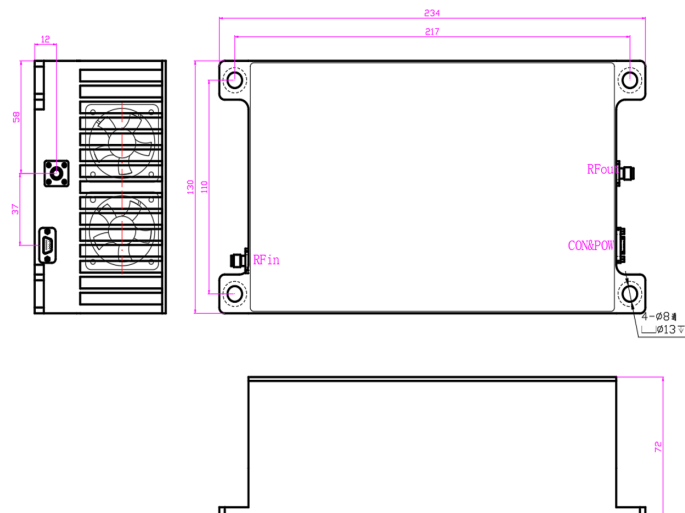
Environmental

Connector	SMA-K
Connector material	Stainless steel
Impedance	50 Ω
Working voltage	+28V
Working current	12000mA
Operation Temp.	-30~+65°C Design assurance
Storage Temp.	-40~+70°C Design assurance
Power supply and control interface	J30J-9ZKP
Other	传导散热+风冷

Power supply and control interface

管脚		信号名称	输入/输出特性
1	X1	+28VDC1 正	输入
2	X2	+28VDC2 正	输入
3	X2	+28VDC2 正	输入
4	X3	GND	输入
5	X4	GND	输入
6	X5	GND	输入
7	EN	电源开关	输入
8	S1	故障检测	输出
9	NC	悬空	

Configuration



Other parameters

功放电源开关控制 (EN)	电源响应: 开启延时 (含前沿) $\leq 5\mu\text{s}$ 、关断延时 (含后沿) $\leq 5\mu\text{s}$
控制电平	TTL。TTL=H@功放打开, TTL=L@功放关断, 默认状态: L
最大输入功率	10dBm (不烧毁)
输出故障指示 (S1)	1bit, TTL 电平。TTL=H@故障; TTL=L@正常

Note

Store in an environment with a humidity of less than 25%, pay attention to dust and anti-static measures, and consider amplifier heat dissipation during installation.