

1000–1650 MHz, 200 W amplifier module

一、 RF specifications

test item		metric	unit	remarks
frequency range		1000-1100	MHz	
working voltage		32	V	
RFgain		60	dB	
RF input power saturation		-7	dBm	
Maximum RF input power		0	dBm	
maximumoutput		53	dBm	200 W @ 13.5 A – Typical value
productiveness		45	%	Typical work efficiency
Output port VSWR		≤1.50		No-power test
High and Low Temperature Test	Work environment	-40 ~ +55	°C	
	Power Stability	1.5	dB	-20°C ~ +75°C
Power Supply Requirements		≥15A		maximizing power output
485 Monitoring				Supports real-time reporting of temperature, output power, and operating current; features temperature protection, overcurrent protection, and standing wave ratio (SWR) protection.
control interface		2*4pin		Other PINs are set to NC. 3PIN-GND 8PIN-485B 1PIN-485A 5PIN-PA_EN (High-ON/Low-OFF, delay <2 μs)
supply electricity		Through-circuit capacitor		32V
Vibration Requirements				Meet the requirements for military vehicle-mounted equipment
Output connector		N		Mother Head
size		154.5×73×	mm	Excludes n heads
mounting hole		149.5*67.7		M3*10 steel screw

