500-7300MHz 20W Power Amplifier（T_C=25℃）

No.	Description	Symbol	Min	Typ	Max	Unit	Remark
1.	Operating Frequency	BW	500		7300	MHz	
2.	Input Power	Pin		0		dBm	
3.	Output Power CW	Psat	39.5	43	43	dBm	Continuous Wave
4.	Power Gain	Gp		41		dBm	@ Pin=0 dBm
5.	Power Gain Flatness	△Gp		±1.5		dB	@ Pin=0 dBm
6.	Input Return Loss	S11		-15		dB	
7.	Operating Voltage	Vdc	24	28	36	V	
8.	Current Consumption	A		2	3	A	@ Pout=10~15W
9.	RF Connector Input		SMA, Female				
10.	RF Connector Output		SMA, Female				
11.	Weight			0.278	0.3	Kg	
12.	Length*Width*Height		105*60*20		mm		
13.	Max Input Power	PinMax	≤10		dBm		
14.	Interface Definition	VDD	A1	24Vdc			
		GND	A2	Ground			
		Enable	1	5V~Vdd:ON 0V:OFF			
	Overall dimension	Note: 1、 The overall dimensions are for reference only； 2、 The size can be appropriately increased or decreased according to the customer's requirements； 3、 The positions of the input interface, output interface and power supply interface can be changed according to the actual needs of the customers；					

	Overall dimension	