

0.1 to 30MHz 1000W – Power Amplifier

UIYPA450504A01T30SF

RF Characteristics 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	0.1		30	MHz
Power Output CW	Po		1000		W
Saturation Output Power		1000			
Power Gain @CW	G		60		dB
Input Power	Pin		0		dBm
Gain Flatness	△G		±1.5		dB
Input VSWR	S11		1.5:1		
Odd Harmonics @CW	H		-11		dBc
Even Harmonics @CW	H		-15		dBc
Noise Figure	NF				dB
Spurious Signals	Spur		-60		dBc
Operating Voltage	VDC		220		Volt
Operating Temperature	Tc	-20		+60	°C
Storage Temperature	Tstg	-40		+70	°C
Connector Type	SMA Female				
2 Listed are specific frequency ranges and other ranges are available.					
2 Please provide the below information when inquiring and mark * is required.					
* 1. The specific pass band frequency range					
* 2. The specific Gain and Power					
3. Other special requests.					

Image



Unit: mm/ inch, General part tolerance is $\pm 2\%$ unless otherwise stated.

Ver. 5

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