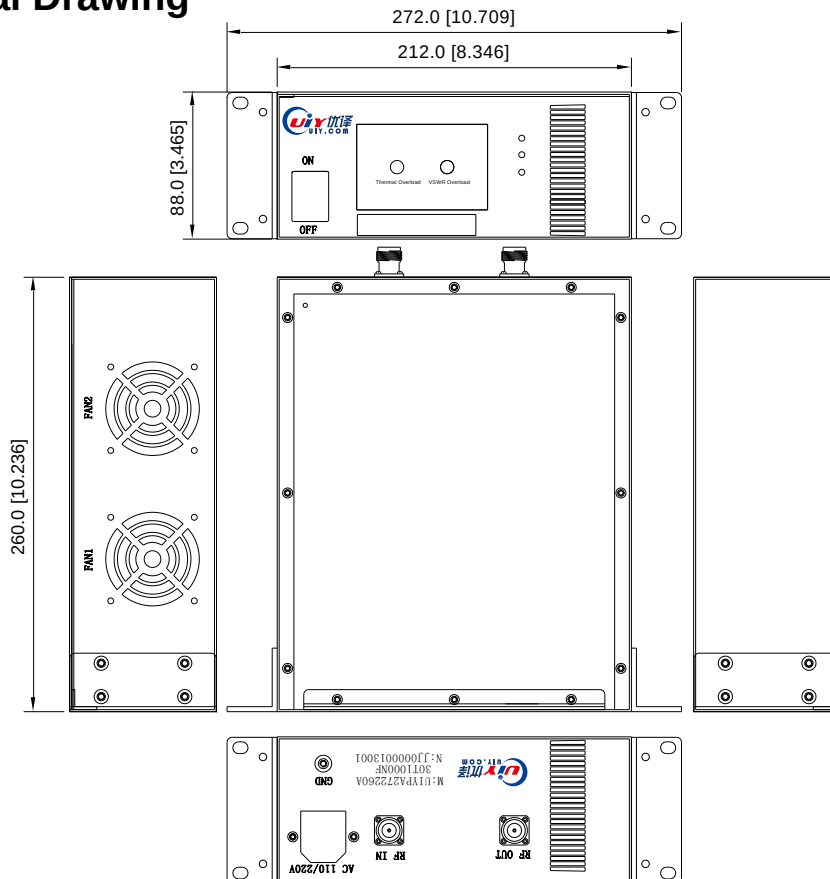


30 to 1000MHz – 12W Power Amplifier

UIYPA272260A30T1000NF

RF Characteristics @T=25°C, VDD=AC220V; 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW	30		1000	MHz
Power Output CW	Po	10	12		W
Power Gain @CW	G		50		dB
Gain Flatness	ΔG		± 1.5	± 2.0	dB
Input VSWR	S11/S22		1.5:1		
Efficiency @CW			>25%		
Odd Harmonics @CW	H	-11	-12		dBc
Even Harmonics @CW	H	-14	-15		dBc
Spurious Signals	Spur		-60		dBc
Operating Voltage	AC		110/220		Volt
Operating Temperature	Tc	-20		+60	°C
Storage Temperature	Tstg	-40		+85	°C
Thermal Overload	70°C				
VSWR Overload	3:1				
Connector Type	N Female				

Mechanical Drawing



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

Ver. 5