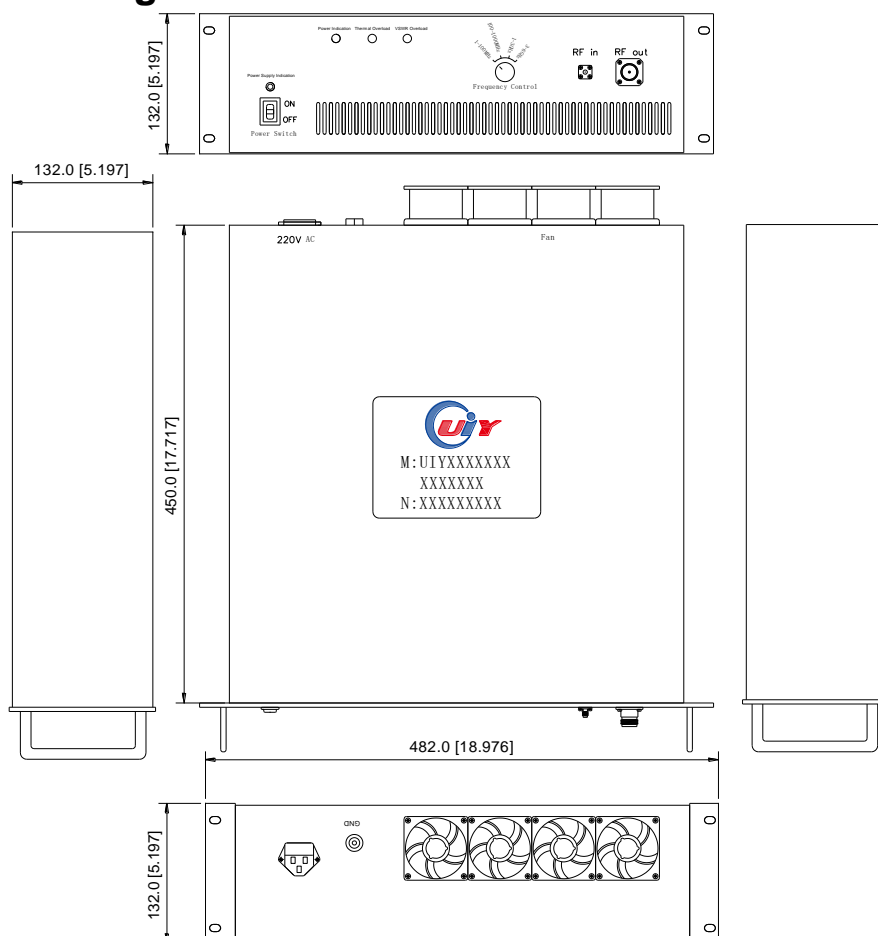


# 1 to 6000MHz 50W – Power Amplifier

## UIYPA482450C1T6000SFTNF

RF Characteristics @T=25°C, 50Ω System					
Parameter	Symbol	Min	Type	Max	Unit
Operating Frequency	BW		A: 1-100MHz B: 100-1000MHz C: 1000-3000MHz D: 3000-6000MHz		MHz
Power Output CW	Po		50		W
Power Gain	G		47		dB
Gain Flatness	ΔG		±2.0		dB
Input/Output VSWR	S11/S22		2:1	2.5:1	
Harmonics	H	8	10		dBc
Spurious Signals	Spur	55	60		dBc
Operating Voltage	VAC	100~120	110/220	200~240	Volt
Operating Temperature	Tc	-25		+55	°C
Storage Temperature	Tstg	-55		+100	°C
Thermal Overload	Tod		85°C		Max
VSWR Overload	VSWR		3:1		Max
RFin-max Overload	RFin-max		8dBm		Max
Dimension			19 Inch 3U		
RF Connector			SMA to N		

### Mechanical Drawing



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

Ver. 5