

POWER AMPLIFIER

MPA0206.45

2000MHz-6000MHz
45dB Gain

Features

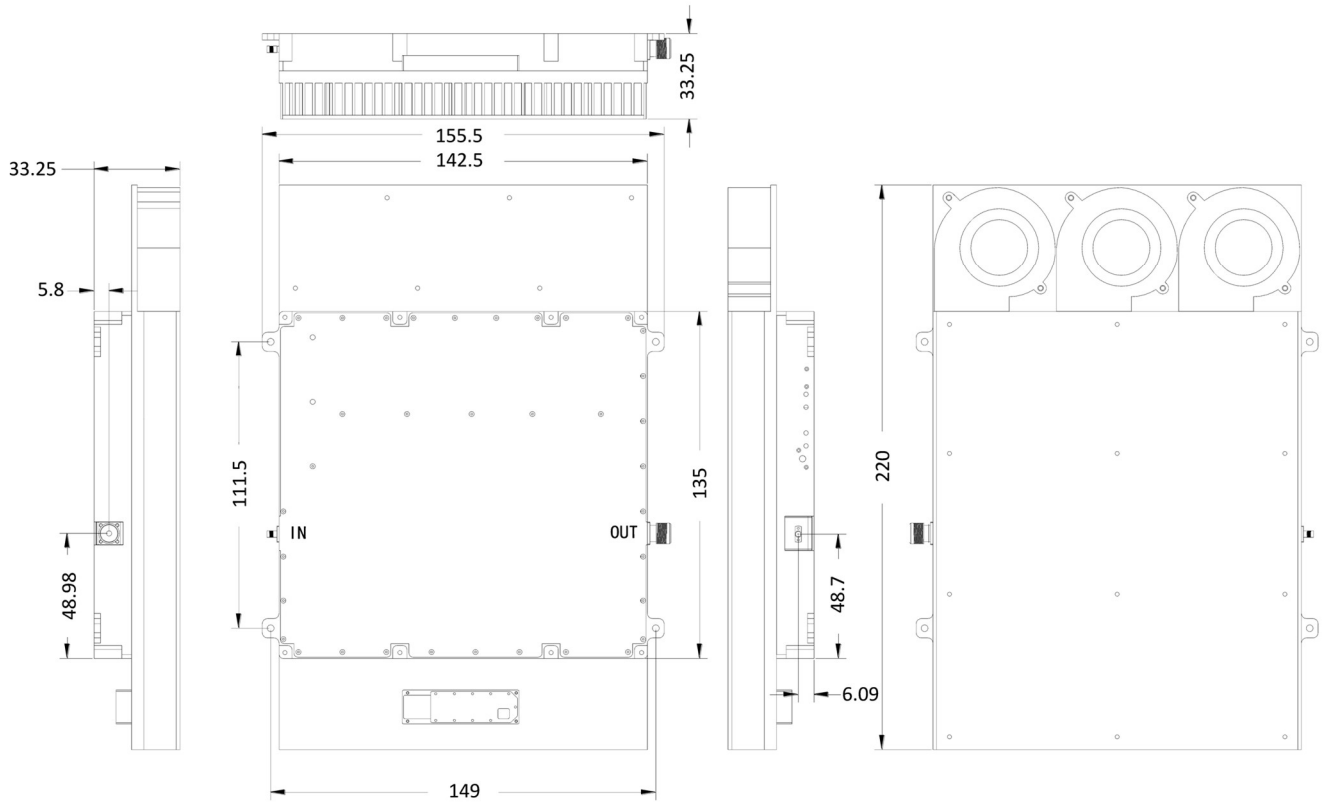
- ✓ Operation Frequency From 2GHz to 6GHz
- ✓ Broad band, Low noise And high gain
- ✓ Low VSWR, Unconditional Stable

Specifications

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.
Frequency Range	2GHz		4 GHz	4 GHz		6GHz
Gain		48dB			45dB	
Gain Flatness		±3 dB			±4 dB	
Gain Variation Over Temperature(-45 ~+85)		±3 dB			±3 dB	
Input Return Loss		7 dB			7 dB	
Output Power @ 1dB Compression Point		48 dBm			47 dBm	
Saturated Output Power (P _{sat})		50 dBm			49 dBm	
Supply Current (V _{cc} =+36V)		2A	10A		2A	10A
Isolation S12		65 dB			65 dB	
Input Max Power (no damage)			6 dBm			6 dBm
Altitude	30000 Feet					
Vibration	25g RMS (15 degrees 2KHz)					
Operating Temp.	-45°C to +85°C					
Storage Temp.	-55°C to +125°C					
RF Input/Output Connector	SMA-Female					
Size(mm)	142.5 X 135 X 33.25					

Tolerance:±0.5mm

Outline Drawing: (mm)



Note: Heat Sink required during operation.

NOTES:

1. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
2. CUSTOMER OUTLINE DRAWING FOR REFERENCE ONLY

