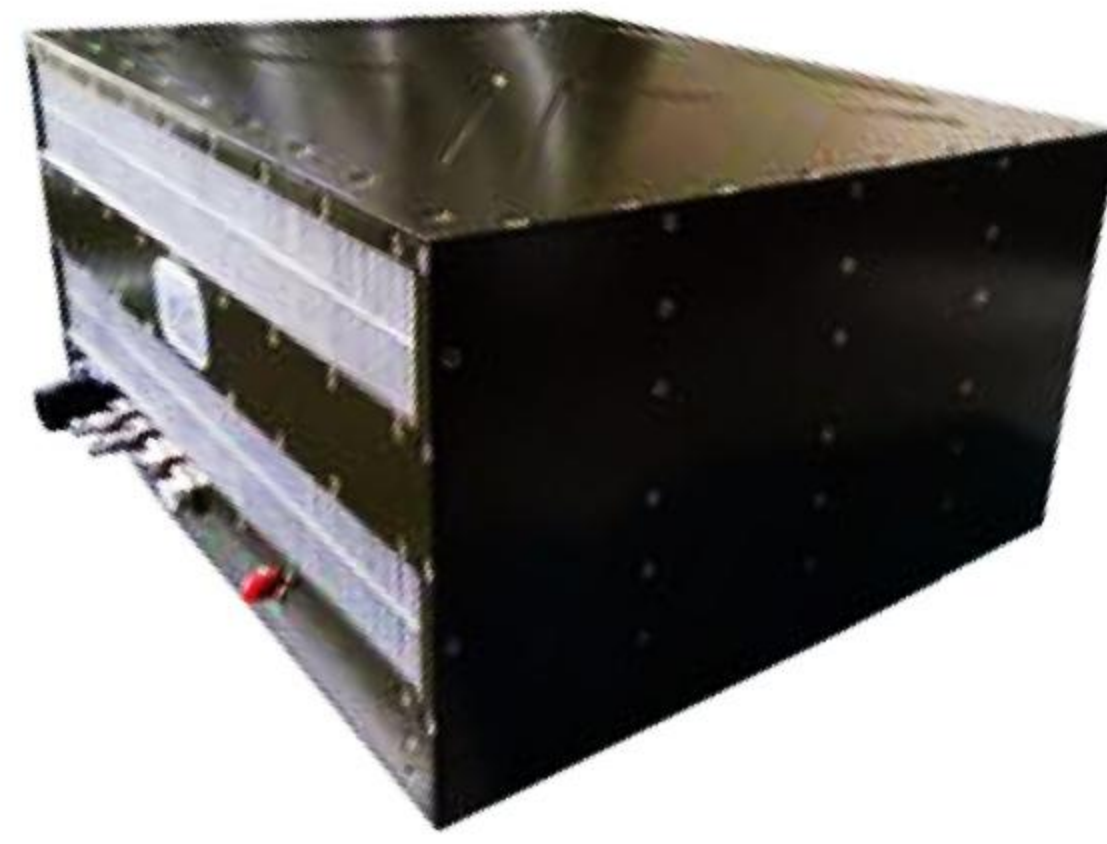


FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction



APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics

ELECTRICAL SPECIFICATIONS@25° C:

Parameter	Min	Typical	Max	Units
Frequency Range	4		12	GHz
Gain	50			dB
Gain Flatness		±2.5		dB
Output Power(CW)	100			Watt
Spurious			-60	dBc
Harmonics		-15		dBc
VSWR(I/O)		2:1		Ratio
Power Supply		+28	+32	Volt
Current		24		A

Note: not VSWR Protection.

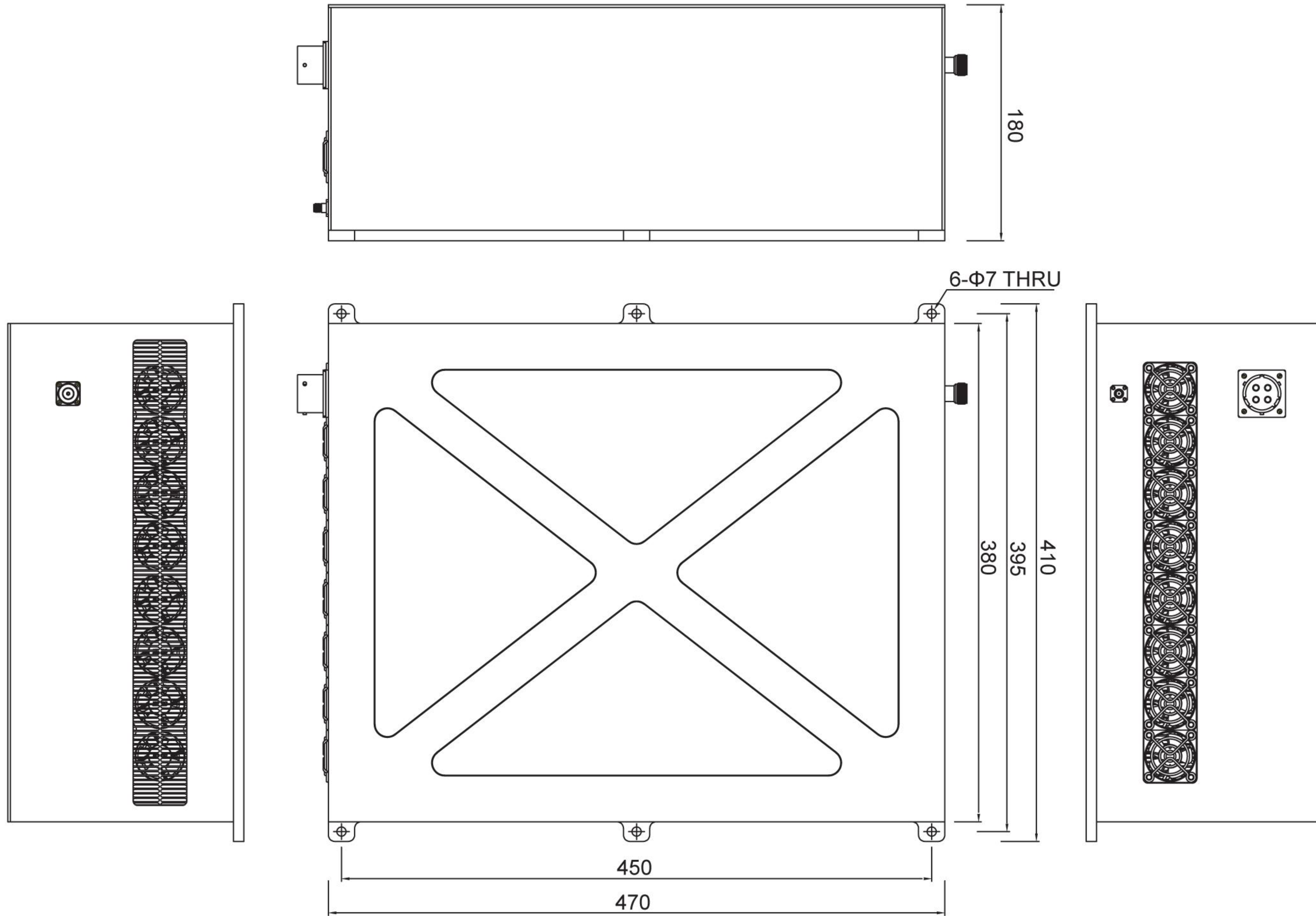
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power		+10		dBm
Operating Temperature	-20		+50	°C
Non-operating Temperature	-40		+85	°C
Relative humidity (non-condensing)		95		%
Altitude		TBD		feet
Shock / Vibration		TBD		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	470*410*180		Milimeter
Weight	15		Kg
RF Connectors Input	SMA-F		
RF Connectors output	SMA-F		
Impedance	50		ohms

OUTLINE DRAWING(mm):



PM107