

**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	18		40	GHz
Power Gain		50		dB
Power Gain Flatness		±4		dB
Psat Output Power	100			Watt
Spurious		-50		dBc
Harmonics		-12		dBc
VSWR Input			2:1	Ratio
DC Power Supply		+20		Volt
Current		20		A

Note:1.Air forced cool.

2.Over Temperature Protection; Over Voltage Protection;Over Current Protection.

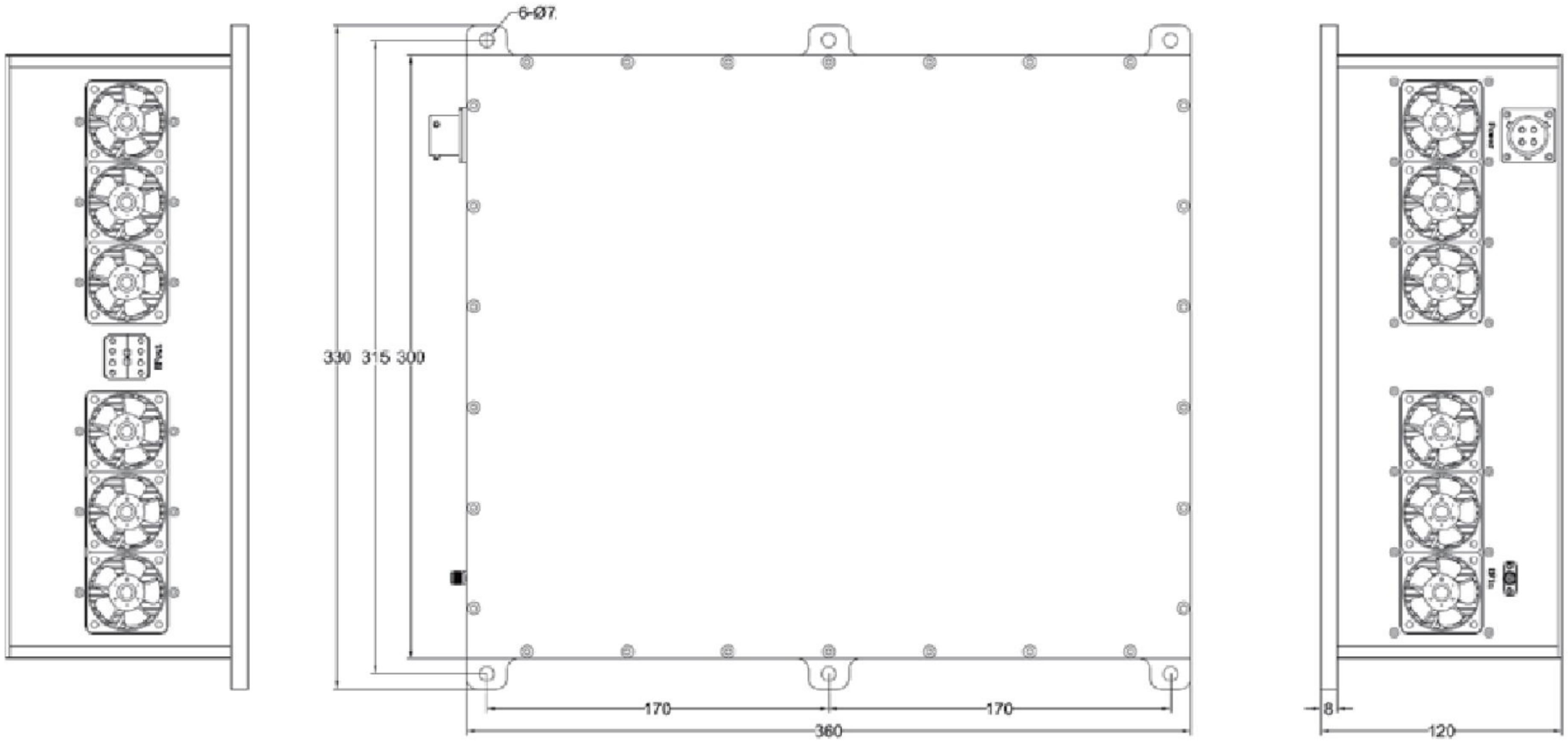
**ENVIRONMENTAL RATINGS:**

Parameter	Min	Typical	Max	Units
Max Input power		0		dBm
Operating Temperature	-10		+40	°C
Non-operating Temperature	-40		+85	°C
Relative humidity (non-condensing)		95		%
Altitude (MIL-STD-810F)		TBD		feet
Shock / Vibration (MIL-STD-810F)		TBD		

**MECHANICAL SPECIFICATIONS:**

Parameter	Value	Limits	Units
Dimensions	360*300*120	Max	Milimeter
Weight	20	Typ	Kg
RF Connectors Input	2.92mm-F		
RF Connectors output	WRD180C24		
Impedance			ohms

**OUTLINE DRAWING(mm):**



**PM152**