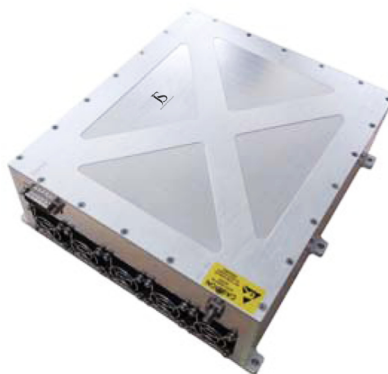


FEATURES

- 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	42.5		45.5	GHz
Power Gain	46			dB
Gain Flatness		±3		dBm
Output Power(Psat)	80			Watt
Spurious		-60		dBc
Harmonic				dBc
Input VSWR			2:1	Ratio
Input voltage		20		Volt
Current		16		A

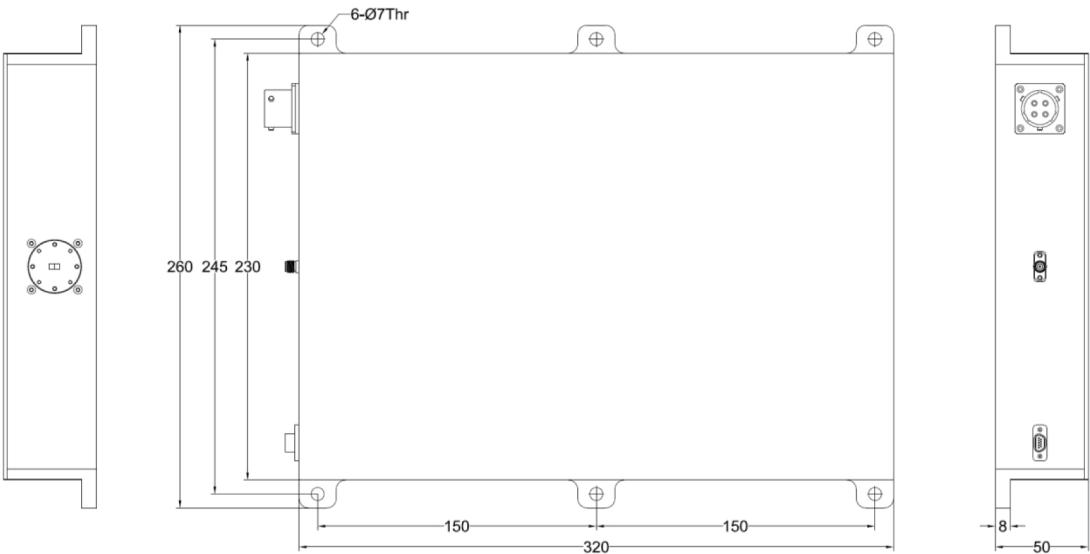
ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power				dBm
Operating Temperature	-40		+55	°C
Non-operating Temperature	-55		+75	°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	320*260*50	Max	Milimeter
Weight	7.5	Typ	Kg
RF Connectors Input	2.2mm-F		
RF Connectors output	WR22		
Impedance			ohms

OUTLINE DRAWING(mm):



PM158