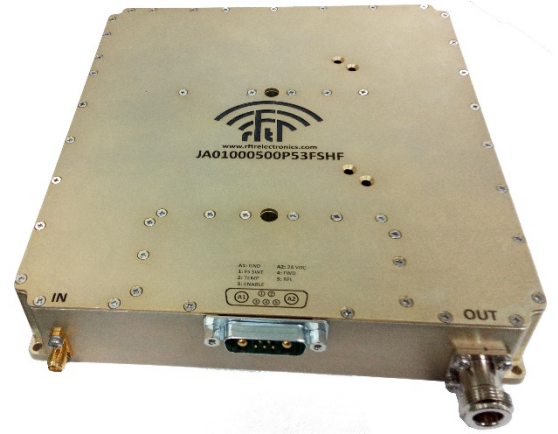




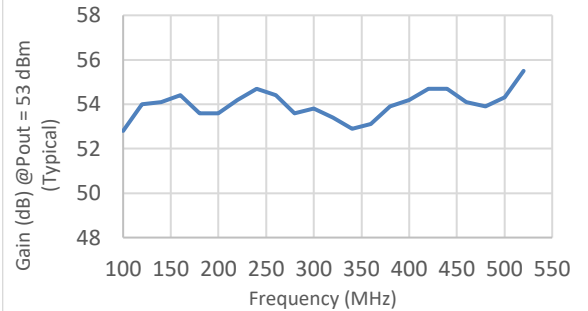
JA01000500P53FSHF; 100 MHz – 520 MHz 200W Amplifier

- Solid-state Class AB design
- MOS Transistors
- High reliability and ruggedness
- Ultra Small Dimensions & Ultra Light Weight
- Forward/Reflected Power Monitorings
- Temperature and Current Monitorings
- Enable Control



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	100-520 MHz
Output Power:	Min 200 W CW
Nominal Gain:	53 dB
Gain Flatness:	± 2 dB
Input VSWR:	2:1 max.
Load VSWR for Survival:	∞:1 for 1 min.
DC Supply Voltage:	28 V
DC Current:	21 A Avg
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Operating Altitude:	40.000 feet
Shock:	MIL-STD-810F/G
Vibration:	MIL-STD-810F/G



INTERFACES

RF Input:	SMA Female
RF Output:	N Female
7W2 COMBO:	A1) GND
	A2) 28 V
	1) Fast Switch (Active High)
	2) Temperature
	3) Enable (Active High)
	4) Forward Power
	5) Reflected Power

MECHANICAL SPECIFICATIONS

Size (mm) :	190 x 170 x 34
(inch) :	7.48 x 6.69 x 1.34
Weight :	1520 gr.
Plating :	Yellow Chromate

