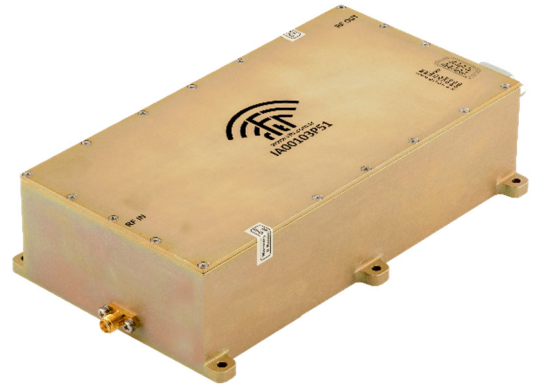




JA00010030P51; 1.5 MHz – 30 MHz 125W Amplifier

- Solid-state Class AB design
- MOS Transistors
- High reliability and ruggedness
- Ultra Small Dimensions & Ultra Light Weight
- Enable Control



ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

Frequency:	1.5-30 MHz
Output Power:	125 W CW
Nominal Gain:	30 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:	9.5 A Avg
Operating Case Temp.:	-40 °C to 85 °C
Storage Temperature:	-40 °C to 85 °C
Shock:	MIL-STD-810F/G
Vibration:	MIL-STD-810F/G

INTERFACES

RF Input:	SMA Female
RF Output:	SMA Female
9-PIN DSUB:	1) NC
	2) NC
	3) Enable (Active High)
	4) 28 V
	5) 28 V
	6) GND
	7) GND
	8) GND
	9) GND

MECHANICAL SPECIFICATIONS

Size (mm) : 179 x 108 x 46
(inch) : 7.05 x 4.25 x 1.81
Weight : 900 gr.
Plating : Yellow Chromate

