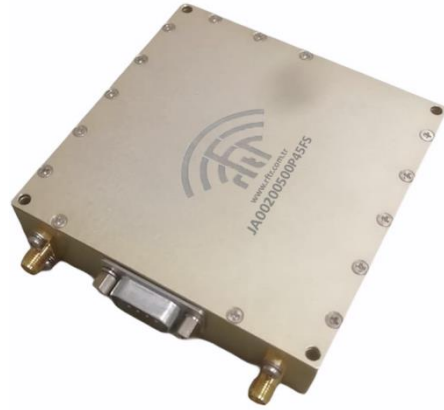


# JA00200500P45FS; 20-500 MHz 30W

- Solid-state Class AB design
- GaN on SiC Transistors
- High reliability and ruggedness
- Ultra Broadband
- Temperature and Current Monitorings



## ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

<b>Frequency:</b>	20-500 MHz
<b>Output Power:</b>	30 W min. CW
<b>Nominal Gain:</b>	45 dB
<b>Gain Flatness:</b>	$\pm 2.0$ dB
<b>Input VSWR:</b>	2:1 max.
<b>Load VSWR for Survival:</b>	$\infty$ :1 for 1min.
<b>DC Supply Voltage:</b>	28 V
<b>DC Current:</b>	2.4 A Avg
<b>ON/OFF Switching Time</b>	<6 usec.
<b>Operating Case Temp.:</b>	-40 °C to 85 °C
<b>Storage Temperature:</b>	-40 °C to 85 °C
<b>Shock:</b>	MIL-STD-810F, 516.5
<b>Vibration:</b>	MIL-STD-810F, 514.5

## INTERFACES

<b>RF Input:</b>	SMA Female
<b>RF Output:</b>	SMA Female
<b>9 PIN DSUB:</b>	1) Current
	2) Temperature
	3) Enable (Active Low)
	4) Fwd. Power
	5) Rev. Power
	6) 28 V
	7) 28 V
	8) GND
	9) GND

## MECHANICAL SPECIFICATIONS

<b>Size (mm) :</b>	90 x 90 x 22
<b>Weight :</b>	250 gr.
<b>Plating :</b>	Yellow Chromate

