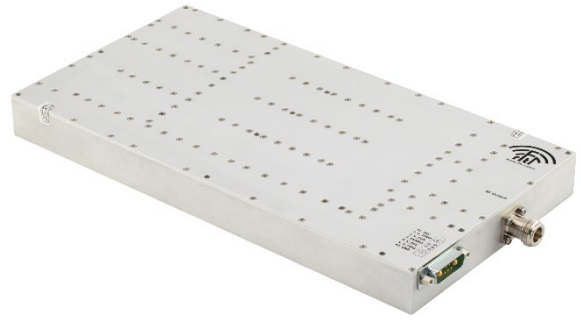




# JA11001700P53; 1100 MHz – 1700 MHz 200W AMPLIFIER

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



## ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

<b>Frequency:</b>	1100-1700 MHz
<b>Output Power:</b>	200 W min. CW
<b>Nominal Gain:</b>	53 dB
<b>Gain Flatness:</b>	± 1.5 dB
<b>Input VSWR:</b>	2:1 max.
<b>Load VSWR for Survival:</b>	∞:1 for 1min.
<b>DC Supply Voltage:</b>	36 V
<b>DC Current:</b>	18 A Avg
<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/G
<b>Vibration:</b>	MIL-STD-810F/G

## INTERFACES

<b>RF Input:</b>	SMA Female
<b>RF Output:</b>	N Female
<b>7W2 DSUB:</b>	A1) 36 V
	A2) GND
	1) Temperature
	2) Current
	3) Enable
	4,5) NC

## MECHANICAL SPECIFICATIONS

**Size (mm) :** 300 x 156 x 28  
**Weight :** 2200 gr.

