

# Solid State Power Amplifier 2500 to 6000 MHz, 50 Watts

## Model BHE25869-50

### Overview

Stellant PST has announced the release of a solid state Class “AB” linear amplifier which operates over the full 2500-6000 MHz frequency band and delivers a minimum of 50 watts. The amplifier uses the latest Gallium Nitride (GaN) technology and is packaged in a standard rack mountable enclosure measuring 19” x 22” x 5.25”.



### Options

- RF Detectors
- RS232 Interface
- Integrated T/R Switch

### Specifications

• Frequency Range:	2500 to 6000 MHz
• RF Power Output Power:	50 Watts
• RF Gain:	54 dB nominal + 3 dB
• Harmonic Rejection:	-13 dBc
• AC Input:	85-265 VAC 50/60 Hz
• AC Power Input:	415VA
• PA Enable:	<5 us
• Load VSWR:	Infinite
• Operating Temperature:	0 to +50°C ambient
• Altitude:	30,000 feet
• Shock:	MIL-STD-810F, Method 516.2, Procedure I
• Vibration:	MIL-STD-810F, Method 514.5, Procedure I Figure 514.5C-1
• Humidity:	95% without condensation
• Size:	19” x 22” x 5.25”

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