

**Power Systems Technology (PST)** 

# 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**

2500 to 6000 MHz

| • Frequency Range: |  |
|--------------------|--|
|--------------------|--|

- RF Power Output Power:
- RF Gain:
- Harmonic Rejection:
- AC Input:
- AC Power Input:
- PA Enable:
- Load VSWR:
- Operating Temperature:
- Altitude:
- Shock:
- Vibration:
- Humidity:
- Size:

50 Watts 54 dB nominal + 3 dB -13 dBc 85-265 VAC 50/60 Hz 415VA <5 us Infinite 0 to +50°C ambient 30,000 feet MIL-STD-810F, Method 516.2, Procedure I MIL-STD-810F, Method 514.5, Procedure I Figure 514.5C-1 95% without condensation 19″ x 22″ x 5.25″

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