

## Solid State Power Amplifier 2500 to 6000 MHz, 50 Watts MODEL BHE25869-50



Comtech 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”.

### SPECIFICATIONS:

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|--------------------------|--|
| • Frequency Range:       | 2500 to 6000 MHz   |
| • RF Power Output Power: | 50 Watts   |
| • RF Gain:               | 54 dB nominal $\pm$ 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”  |
| • Weight:                | 40 lbs.  |

### OPTIONS:

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

Contact your local Comtech PST representative, or visit us at [www.comtechpst.com](http://www.comtechpst.com).  
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