

## Solid State Power Amplifier 2500 to 6000 MHz, 50 Watts MODEL BME25869-50



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 housed in a relatively small package measuring only 7.5” x 3.0” x 1.5” (excluding connectors).

### SPECIFICATIONS:

- Frequency Range: 2500 to 6000 MHz
- RF Power Output Power: 50 Watts
- RF Gain: 54 dB  $\pm$  3 dB
- Harmonic Rejection: -13 dBc
- DC Input: +18VDC to +36 VDC
- DC Power: 300 W
- PA Enable: <5 us
- Load VSWR: Infinite
- Operating Temperature: -40°C to +85° baseplate
- Altitude: 30,000 feet
- Shock: MIL-STD-810F, Method 516.5
- Vibration: MIL-STD-810F, Method 514.5
- Humidity: 95% without condensation
- Size: 7.5” x 3.0” x 1.5”
- Weight: 3 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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SPECIFICATIONS ARE SUBJECT TO CHANGE

*Certified for Public Release (CPST, PRM-09-02)*