

Power Systems Technology (PST)

Solid State Power Amplifier 2500 to 6000 MHz, 50 Watts

Model BME25869-50

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



Options

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

Specifications

Frequency Range:

- RF Power Output Power:
- RF Gain:
- Harmonic Rejection:
- DC Input:
- DC Power:
- PA Enable:
- Operating Temperature:
- Altitude:
- Shock:
- Vibration:
- Humidity:
- Size:
- Weight:

2500 to 6000 MHz 50 Watts 54 dB + 3 dB -13 dBc +18VDC to +36 VDC 300 W <5 us Load VSWR: Infinite -40°C to +85° baseplate 30,000 feet MIL-STD-810F, Method 516.5 MIL-STD-810F, Method 514.5 95% without condensation 7.5″ x 3.0″ x 1.5″ 3 lbs.

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