

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
- Integrated T/R Switch

Specifications

• Frequency Range:	2500 to 6000 MHz
• RF Power Output Power:	50 Watts
• RF Gain:	54 dB + 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.

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