

Solid State Power Amplifier Module

2500-6000 MHz, 50 Watts — Model BME25869-50

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	2500-6000 MHz
RF Power Output Power	50 Watts
RF Gain	54 dB + 3 dB
Harmonic Rejection	-13 dBc
DC Input	+18 VDC tp +36 VDC
DC Power	300 W
PA Enable	<5 us Load VSWR: Infinite

Operating Temperature	-40°C to +85°C baseplate
Altitude	30,000 ft
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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