

NEW PRODUCT RELEASE

Solid State Power Amplifier 20 to 2500 MHz, 50 Watts MODEL BM27258-50

Features:

- Solid State Design
- Wide Band Operation
- Compact & Light Weight
- Military Environment



PERFORMANCE SPECIFICATIONS

ELECTRICAL

- Frequency Range: 20 to 2500 MHz
- RF Output Power: 50 Watts
- RF Gain: 50 dB \pm 4.0 dB
- RF Input Overdrive: +10 dBm
- Input VSWR: 2:1 maximum
- Harmonic Rejection: -13 dBc
- Spurious Signals: -60 dBc
- Class of Operation: AB Linear
- DC Input: +28 VDC
- DC Current: 9.0 A typical
- PA Enable: 20 μ s
- Load VSWR: Infinite

ENVIRONMENTAL

- Temperature:
 - Operating: -40°C to +50° Mounting Base Temperature
 - Storage: -40°C to +85°C
- Altitude:
 - Operating: 30,000 feet
 - Non-Operating: 40,000 feet
- Shock: MIL-STD-810F Method 516.5
- Vibration: MIL-STD-810F Method 514.5
- Humidity: 95% without condensation
- Cooling: Baseplate

PHYSICAL

- Size: 6.4" x 6.7" x 1.4"
- Weight: 5 lbs.

Model BM27258-50 is a Class AB linear amplifier, which operates over the full 20 to 2500 MHz frequency range with output power of 50 watts. The amplifier is very compact (6.4" x 6.7" x 1.4") and weighs only 5 pounds.

Contact your local Comtech PST representative, or visit us at www.comtechpst.com.

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