

NEW PRODUCT RELEASE

Solid State Power Amplifier 800 to 2500 MHz, 50 Watts MODEL BM88258-50

Features:

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



PERFORMANCE SPECIFICATIONS

ELECTRICAL

- Frequency Range: 800 to 2500 MHz
- RF Output Power: 50 Watts
- RF Gain: 50 dB \pm 1.5 dB
- RF Input Overdrive: +10 dB
- Input VSWR: 2:1 maximum
- Harmonic Rejection: -25 dBc
- Spurious Signals: -60 dBc
- Class of Operation: AB Linear
- DC Input: +28 VDC
- DC Current: 7.5 A
- PA Enable: 20 μ s
- Load VSWR: Infinite

ENVIRONMENTAL

- Temperature:
 - Operating: -40°C to +85° 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 2.5" x 1.5"
- Weight: 2 lbs.

Model BM88258-50 is a Class AB linear amplifier, which operates over the full 800 to 2500 MHz frequency range with output power of 50 watts. The amplifier is very compact (6.4" X 2.5" X 1.5") and weighs only 2 pounds.

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

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