

NEW PRODUCT RELEASE

Solid State Power Amplifier 2500 to 6000 MHz, 20 Watts MODEL BME25869-20



Comtech 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 20 watts. The amplifier uses the latest Gallium Nitride (GaN) technology and is housed in a relatively small package measuring only 6.4” x 3.125” x 1.5” (excluding connectors). Features include temperature monitoring through digital interfacing.

SPECIFICATIONS:

• Frequency Range:	2500 to 6000 MHz
• RF Output Power:	20 Watts
• RF Gain:	50 dB \pm 4 dB
• Harmonic Rejection:	-13 dBc @ 43 dBm
• DC Input:	+28VDC
• DC Current:	4.5 Amps typical
• PA Enable:	<10 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:	6.4” x 3.125” x 1.5”
• Weight:	2.8 lbs.

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

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SPECIFICATIONS ARE SUBJECT TO CHANGE

Certified for Public Release (CPST, PRM-09-05)