125W Ka-Band Solid State Power Amplifier

MODEL: PA-30A031A0-5170PSU

PERFORMANCE
AMPLIFIER CHARACTERISTICS:
- Gain Range: 70.0 ± 3.0 dB
- Gain Variation: ±1.5 dB ptp over temperature
- Gain Flatness: ±1.5 dB over full bandwidth
- P1dB: 51.0 dBm (125W)
- Plinear: 48.5 dBm
- IMD3 @ Plinear: -25.0 dBc
- Spectral Regrowth, QPSK: -30.0 dBc @ 1.5×S.R. @ Plinear
- Mute: 60.0 dB minimum
- Spurious: -60.0 dBc

MECHANICAL
- Dimensions (LxWxH): 22.30” x 11.25” x 11.0”
- Weight: 65 lbs.

ENVIRONMENTAL
OPERATING:
- Temperature: -40 to +60 °C
- Humidity: Up to 100% Condensing
- Altitude: 10,000 Feet AMSL Maximum

NON-OPERATING:
- Temperature: -40 to +70 °C
- Altitude: 55,000 Feet AMSL Maximum
- Shock and Vibration: Normal handling by commercial carriers

Specifications available from 27.0 to 31.0 GHz up to 1000 MHz bandwidth
For special request, please contact info@itselectronics.com

Specifications are Subject to Change without Notice
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Response, Innovation, Craftsmanship
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