

9kHz~500MHz, 50W, Solid State Power Amplifier
FEATURES

- **High efficiency**
- **Built in protection circuits**
- **Ultra-wideband**
- **Compact size and light weight**

ELECTRICAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-------|-----|-------|------|
| Frequency Range | 0.009 | | 500 | MHz |
| Psat | 50 | | | W |
| Gain | 35 | | | dB |
| Gain Flatness | | ±2 | | dB |
| Harmonics | | -20 | | dBc |
| Spurious | | -65 | | dBc |
| VSWR | | | 2.5:1 | - |
| Input Power | | 0 | | dBm |
| DC Voltage | 26 | 28 | 30 | V |

ENVIRONMENTAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Operating Temp. | -10 | | +70 | °C |
| Storage Temp. | -20 | | +85 | °C |

MECHANICAL SPECIFICATIONS

| Parameter | Value | Unit |
|-------------------|-------------------|------|
| Dimensions | 150×100×20 | mm |
| Weight | 1.0 | g |
| RF I/O Connectors | SMA-F/N-F | - |
| Cooling | External Heatsink | - |