

0.7~2.5GHz, 50W, Solid State Power Amplifier
FEATURES

- **Instantaneous ultra broadband**
- **Built-in protection circuits**
- **High reliability and ruggedness**
- **Compact size and light weight**

ELECTRICAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Frequency Range | 0.7 | | 2.5 | GHz |
| Psat | 50 | | | W |
| Gain | 47 | | | dB |
| Gain Flatness | | | ±2 | dB |
| Harmonics | | -15 | | dBc |
| Spurious | | -60 | | dBc |
| VSWR | | | 2:1 | - |
| Input Power | | | 10 | dBm |
| DC Voltage | | 28 | | V |

ENVIRONMENTAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Operating Temp. | -20 | | +75 | °C |
| Storage Temp. | -45 | | +85 | °C |

MECHANICAL SPECIFICATIONS

| Parameter | Value | Unit |
|---------------------|-------------------|------|
| Dimensions | 180×90×27 | mm |
| Weight | 1.2 | Kg |
| RF I/O Connectors | SMA-F/ N-F | - |
| Interface Connector | 9-Pin D-Sub | - |
| Cooling | External Heatsink | - |