

2.5~6GHz, 100W, 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 | 2.5 | | 6 | GHz |
| Psat | 100 | 125 | | W |
| Gain | 55 | 60 | | dB |
| Gain Flatness | | | ±5 | dB |
| Harmonics | | | -20 | dBc |
| Spurious | | | -60 | dBc |
| VSWR | | | 2:1 | - |
| Input Power | | | 20 | dBm |
| DC Voltage | 26 | 28 | 30 | V |

ENVIRONMENTAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Operating Temp. | -20 | | +55 | °C |
| Storage Temp. | -40 | | +85 | °C |

MECHANICAL SPECIFICATIONS

| Parameter | Value | Unit |
|---------------------|-------------------|------|
| Dimensions | 210×180×30 | mm |
| Weight | 2.0 | Kg |
| RF I/O Connectors | SMA-F/TNC-F | - |
| Interface Connector | 15-Pin Male D-Sub | - |
| Cooling | External Heatsink | - |