

18~26.5GHz, 20W, 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 | 18 | | 26.5 | GHz |
| Psat | 20 | | | W |
| Gain | 40 | 45 | | dB |
| Gain Flatness | | ±5 | | dB |
| Harmonics | | -15 | | dBc |
| Spurious | | -60 | | dBc |
| VSWR | | | 2:1 | - |
| Input Power | | 0 | | dBm |
| DC Voltage | | 28 | 30 | V |

ENVIRONMENTAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Operating Temp. | -20 | | +70 | °C |
| Storage Temp. | -40 | | +85 | °C |

MECHANICAL SPECIFICATIONS

| Parameter | Value | Unit |
|---------------------|--------------------|------|
| Dimensions | 150×125×30 | mm |
| Weight | 2.0 | Kg |
| RF I/O Connectors | 2.92mm-Female/WR42 | - |
| Interface Connector | 15-Pin Male D-Sub | - |
| Cooling | External Heatsink | - |