

2-6GHz 50W CW Power Amplifier

Features

- Broad band 2-6GHz
- Psat =50 Watt Min.
- High reliability and ruggedness

Applications

- Communications
- Defense



➤ **Electrical Specifications**

| Parameter | Specification | Notes |
|-------------------|---------------|-------|
| Frequency | 2-6GHz | |
| Psat | 50W Min. | |
| Gain | 47dB Min. | |
| Gain Flatness | ± 3dB | |
| Input VSWR | 2:1 Max | 50 Ω |
| Harmonics | -12 dBc Typ. | |
| Spurious | -60 dBc Typ. | |
| Power Supply | 28V | |
| Power Consumption | 500W Max. | |
| Input Power | 5dBm Max. | |

➤ **Environmental Characteristics**

| Parameter | Specification | Notes |
|-----------------------|---------------|-------|
| Operation Temperature | -10 - +40 °C | |
| Storage Temperature | -40 - +75 °C | |
| Relative Humidity | 5 - 95% | |

➤ **Other Specifications**

| Parameter | Specification | Notes |
|-------------------|---------------|--------------------|
| Dimensions | 200x120x22mm | Just for Reference |
| In/Out Connector | SMA-F/N-F | |
| Weight | 2kg Max | |
| Cooling | Fan Cooling | |
| Control interface | - | |

➤ Outline Drawing

Just for Reference

