

**18~26.5GHz, 10W, 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            | 10  |     |      | W    |
| Gain            | 40  |     |      | dB   |
| Gain Flatness   |     |     | ±4   | dB   |
| Harmonics       |     | -20 |      | dBc  |
| Spurious        |     |     | -60  | dBc  |
| VSWR            |     |     | 2:1  | -    |
| Input Power     |     |     | +5   | dBm  |
| DC Voltage      |     | 9   |      | V    |

**ENVIRONMENTAL SPECIFICATIONS**

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

**MECHANICAL SPECIFICATIONS**

| Parameter           | Value              | Unit |
|---------------------|--------------------|------|
| Dimensions          | 140×130×27         | mm   |
| Weight              | 1.5                | Kg   |
| RF I/O Connectors   | 2.92mm-Female      | -    |
| Interface Connector | 7-Pin Hybrid D-Sub | -    |
| Cooling             | External Heatsink  | -    |