

**26.5~40GHz, 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 | 26.5 |      | 40  | GHz  |
| Psat            | 20   |      |     | W    |
| Gain            | 50   |      |     | dB   |
| Gain Flatness   |      | ±1.5 |     | dB   |
| Harmonics       |      | -10  |     | dBc  |
| Spurious        | -65  |      |     | dBc  |
| VSWR            |      |      | 2:1 | -    |
| Input Power     |      |      | +8  | dBm  |
| DC Voltage      |      | 24   |     | V    |

**ENVIRONMENTAL SPECIFICATIONS**

| Parameter       | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Operating Temp. | -20 |     | +65 | °C   |
| Storage Temp.   | -40 |     | +85 | °C   |

**MECHANICAL SPECIFICATIONS**

| Parameter           | Value              | Unit |
|---------------------|--------------------|------|
| Dimensions          | 150×50×20          | mm   |
| Weight              | 1.8                | Kg   |
| RF I/O Connectors   | 2.92mm female/WR28 | -    |
| Interface Connector | 15-Pin Male D-Sub  | -    |
| Cooling             | External Heatsink  | -    |