

6000~18000MHz, 100W, Solid State Power Amplifier
FEATURES

- Instantaneous ultra broadband
- Built in protection circuits
- Remote flexible interfaces
- High reliability and ruggedness


ELECTRICAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|------|-----|-------|------|
| Frequency Range | 6000 | | 18000 | MHz |
| Psat | 100 | | | W |
| Gain | 55 | | | dB |
| Gain Flatness | | | ±5 | dB |
| Harmonics | | -15 | | dBc |
| Spurious | | | -60 | dBc |
| VSWR | | | 2:1 | - |
| Input Power | | 0 | | dBm |
| Supply Voltage | 110 | | 240 | V |

ENVIRONMENTAL SPECIFICATIONS

| Parameter | Min | Typ | Max | Unit |
|-----------------|-----|-----|-----|------|
| Operating Temp. | 0 | | +50 | °C |
| Storage Temp. | -40 | | +70 | °C |

MECHANICAL SPECIFICATIONS

| Parameter | Value | Unit |
|---------------------|---------------------|------|
| Dimensions | 19" Rack, 5U Height | - |
| Weight | 36 | kg |
| RF I/O Connectors | N-F/waveguide | - |
| Interface Connector | RJ-45 | - |
| Cooling | Forced-Air cooling | - |