

MODEL : ZSA5050 – 100K400M

- Class A Solid state
- Utilises the latest MOS-FET
- Broadband(Instantaneous Single Band)
- Linear Output Power
- Low Distortion
- Internal Systems Diagnostics and Status Indicator
- Bench Case
- 3Years Standard Warranty

Built – In Protection

- High Temperature
- Supply Voltage
- FWD Over Power
- REF Over Power

Maintenance

- Amplifier Designed For Minimal Maintenance
- Rapid Diagnostic
- Minimal Downtime

Other Amplifiers Available

- ZSA4646 – 100K400M ⇒ 40W
- ZSA5353 – 100K400M ⇒ 200W
- ZSA5555 – 100K400M ⇒ 300W
- ZSA5757 – 100K400M ⇒ 500W

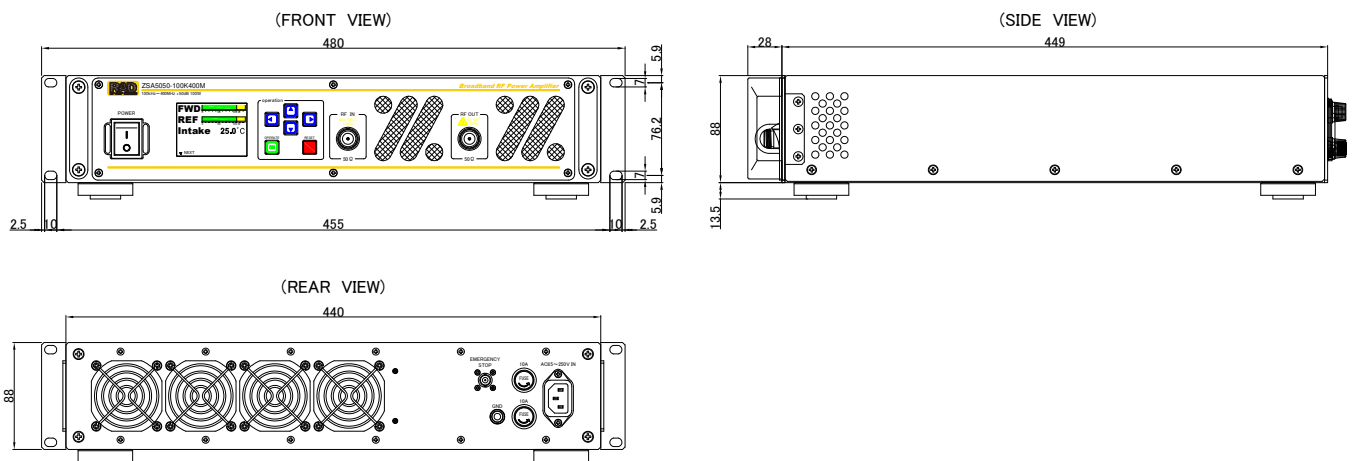
Applications

- EMC Tests
- RF Tests And Instrumentation
- Radio communication
- Measurement And Research Laboratories

Additional Options

- RF Connector Type
- RF Connector on Rear Panel
- RF Sample Port (Front or Rear Panel)
- Detected Sample Port (Front or Rear Panel)
- RF Input Switch
- Gain Control
- IEEE488 Control

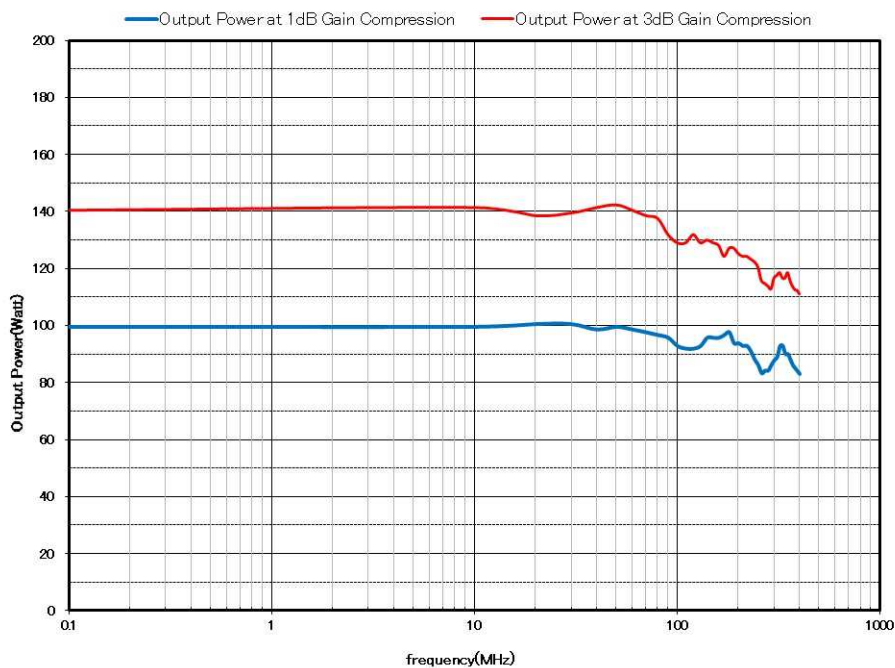
Outline Drawing ※ In Millimeters



Specifications

| | |
|--|------------------------------------|
| • Frequency Bandwidth | 100kHz – 400MHz |
| • Rated Output Power(3dB Gain Compression) | 100W CW (min) |
| • Rated Output Power(1dB Gain Compression) | 70W CW (min) |
| • Class Type | Class A |
| • Gain | 50dB (min) |
| • Gain Flatness | ±2.0dB (max) |
| • Impedance | 50ohms nominal |
| • Harmonics | -20dBc (max) @Po=70W |
| • Spurious | -70dBc (max) @Po=70W |
| | -80dBc (typical) |
| • Input VSWR | 2:1 (max) |
| • Output VSWR | 3:1 (typ) |
| • RF Input Connector | N-Female (Front Panel) |
| • RF Output Connector | N-Female (Front Panel) |
| • Input Power | +3dBm (max) |
| • Operating Temperature | 0°C - +40°C |
| • Room Temperature Storage | -20°C - +70°C |
| • Cooling | Forced Air (Self Contained Fans) |
| • Power Voltage | 85~250VAC, 50 - 60Hz, Single Phase |
| • Rated Current | 7A at 100VAC |
| • Weight | 14kg |
| • Dimensions | (W)480 x (D)450 x (H)88 mm |
| • Safety Interlock | Connector Type BNC-Female |

Model ZSA5050-100K400M Typical Power Output



※ Continual operation exceeded specified power-output may cause product damage.