

MODEL : ZSA5050 – 100k1GA

- Class A Solid state
- 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

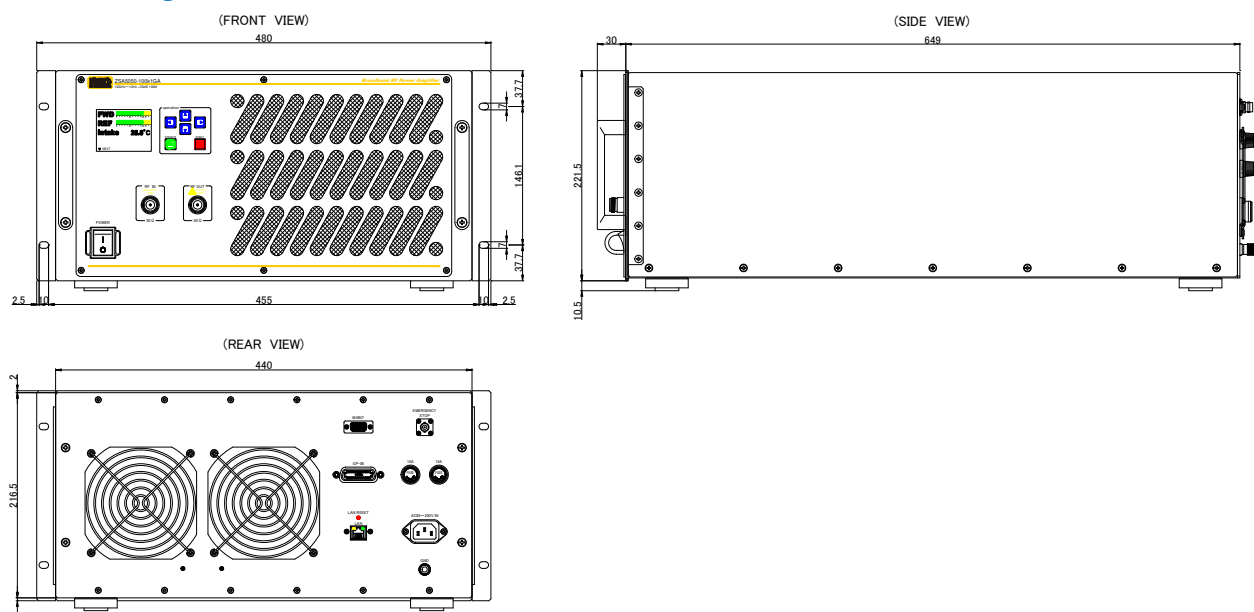
Applications

- 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

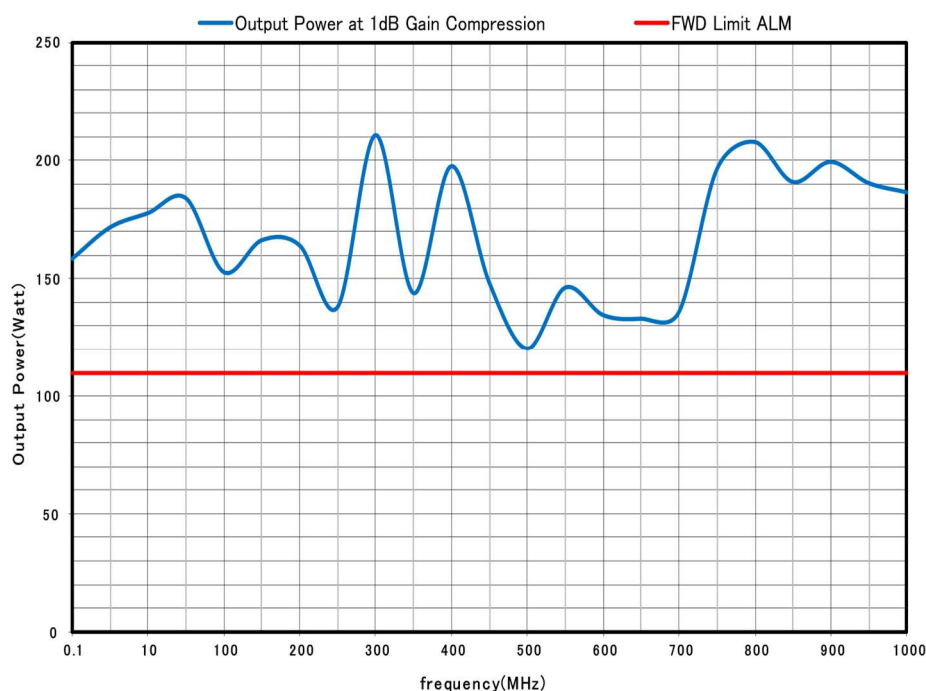
Outline Drawing ※ In Millimeters



Specifications

• Frequency Bandwidth	100kHz – 1GHz
• Rated Output Power	100W CW (min)
• Gain Compression	1dB(max) @Po=100W ※1
• Class Type	Class A
• Gain	50dB (min)
• Gain Flatness	±3.5dB (max)
• Impedance	50ohms nominal
• Harmonics	-20dBc (max) @Po=100W
• Spurious	-70dBc (max) @Po=100W
• Input VSWR	2:1 (max)
• 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	15A at 100VAC
• Weight	32kg
• Dimensions	(W)480 x (D)650 x (H)221.5 mm
• Safety Interlock	Connector Type BNC-Female
• REMOTE	IEEE488 Ethernet

Model ZSA5050-100k1GA Typical Power Output



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

※1 Indicates the output power level at which the specified gain compression occurs, referenced to the input level 10 dB below that at the measured output power.