

MODEL : ZSA4040 – 100k1GA

- Class A Solid state
- Utilises the latest GaN-HEMT
- Broadband(Instantaneous Single Band)
- Linear Output Power
- Low Distortion
- Bench Case
- 3Years Standard Warranty

Built – In Protection

- High Temperature

Maintenance

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

Applications

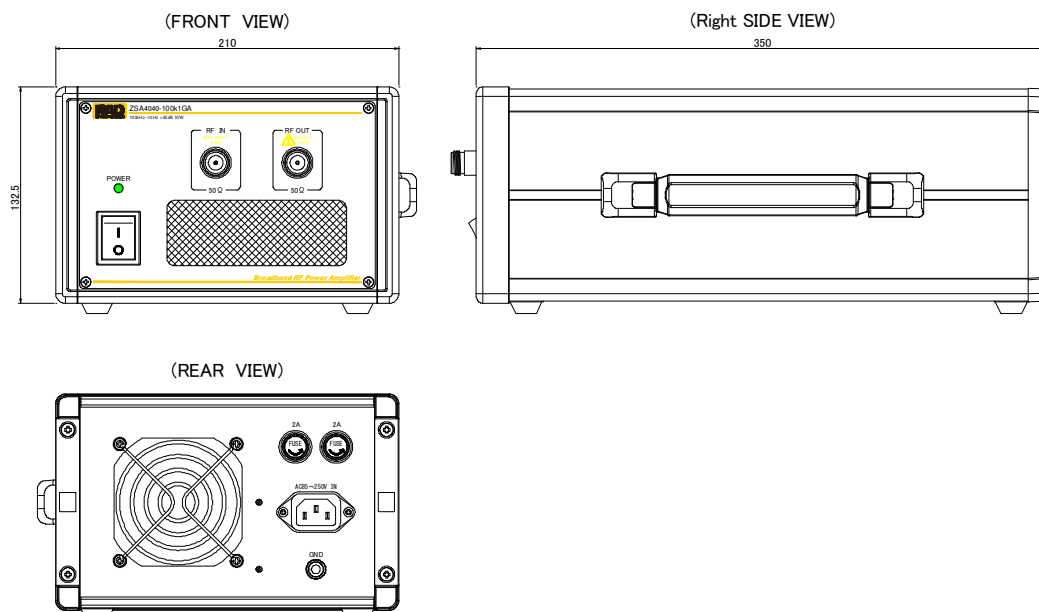
- EMC Tests
- RF Tests And Instrumentation
- Radio communication
- Measurement And Research Laboratories

Additional Options

- RF Connector Type
- RF Connector on Rear Panel
- RF Input Switch
- Gain Control
- IEEE488 Control

Outline Drawing

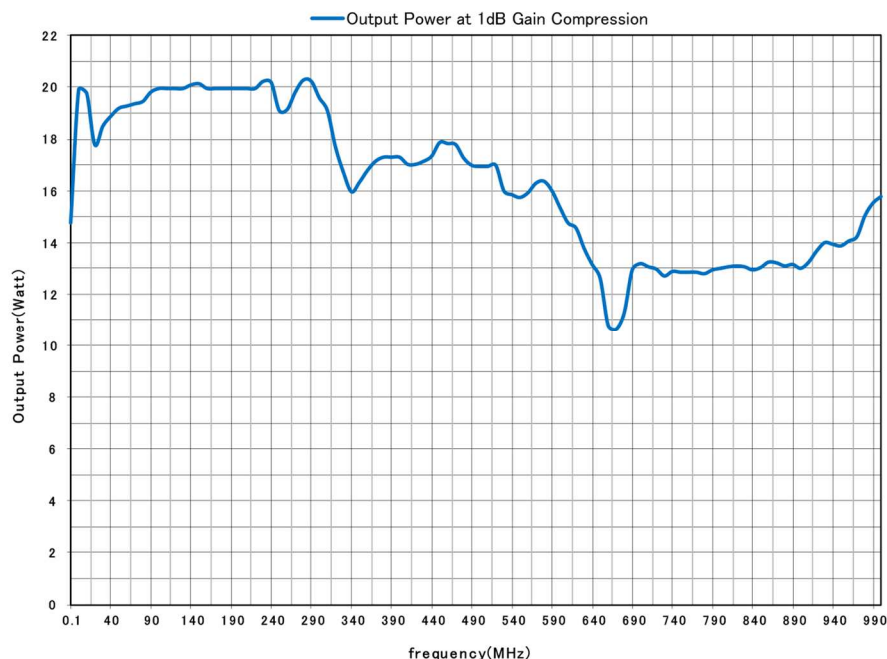
※ In Millimeters



Specifications

• Frequency Bandwidth	100kHz – 1GHz
• Rated Output Power(1dB Gain Compression)	10W CW (min)
• Class Type	Class A
• Gain	40dB (min)
• Gain Flatness	±2.0dB (max)
• Impedance	50ohms nominal
• Harmonics	-20dBc (max) @Po=10W
• Spurious	-70dBc (max) @Po=10W
	-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	1.5A at 100VAC
• Weight	6kg
• Dimensions	(W)210 x (D)350 x (H)132.5 mm

Model ZSA4040-100k1GA Typical Power Output



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