

MODEL : ZSA4242 – 10K250M

- Class A Solid state
- Utilises the latest MOS-FET
- 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

Other Amplifiers Available

- | | |
|---------------------|---------|
| • ZSA4646 – 10K250M | ⇒ 40W |
| • ZSA4949 – 10K250M | ⇒ 80W |
| • ZSA5151 – 10K250M | ⇒ 120W |
| • ZSA5454 – 10K250M | ⇒ 250W |
| • ZSA5757 – 10K250M | ⇒ 500W |
| • ZSA6060 – 10K250M | ⇒ 1000W |
| • ZSA6464 – 10K250M | ⇒ 2500W |

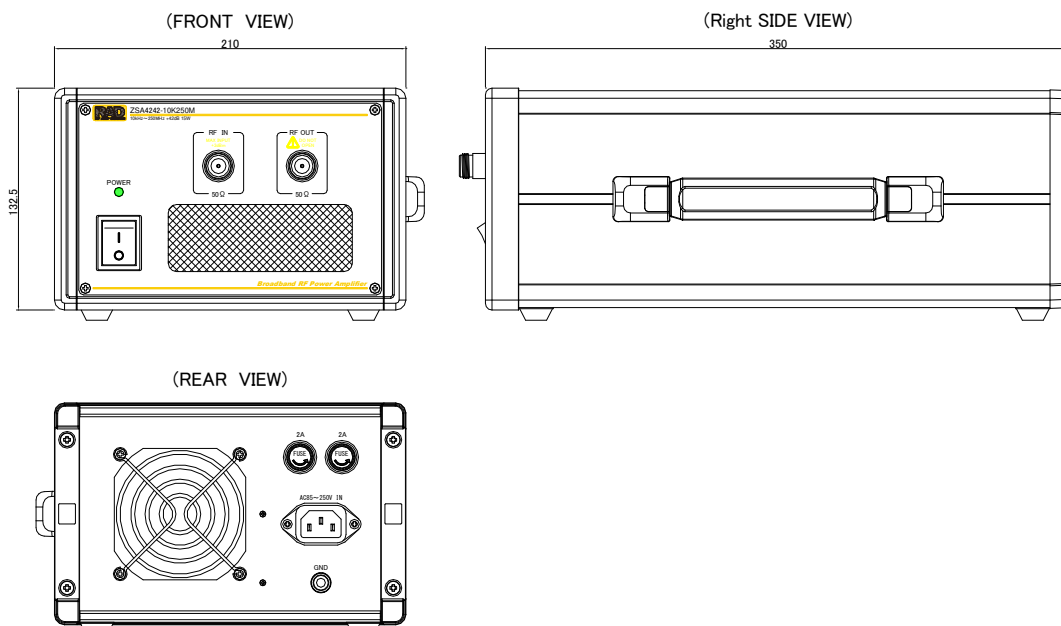
Applications

- 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

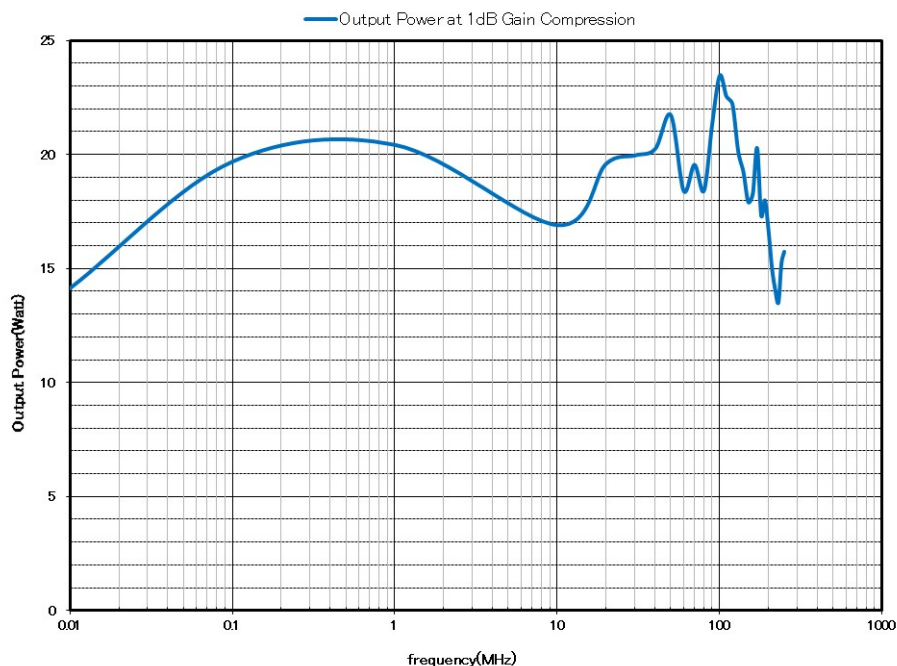
Outline Drawing ※ In Millimeters



Specifications

• Frequency Bandwidth	10kHz - 250MHz
• Rated Output Power(1dB Gain Compression)	15W CW (typ) 10W CW (min)
• Class Type	Class A
• Gain	42dB (min)
• Gain Flatness	± 1.5 dB (max)
• Impedance	50ohms nominal
• Harmonics	-20dBc (max) @Po=10W
• Spurious	-70dBc (max) @Po=10W -80dBc (typical)
• 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	2A at 100VAC
• Weight	6kg
• Dimensions	(W)210 x (D)350 x (H)132.5 mm

Model ZSA4242-10K250M Typical Power Output



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