

MODEL : ZSA5353 – 700M6G

- Class A Solid state
- Utilises the latest GaN-HEMT
- Broadband(Instantaneous Single Band)
- Linear Output Power(1dB Gain Compression)
- Low Distortion
- Internal Systems Diagnostics and Status Indicator
- 19" Rack / 5U / 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

- ZSA4343 – 700M6G ⇒ 15~20W
- ZSA4747 – 700M6G ⇒ 30~50W
- ZSA5050 – 700M6G ⇒ 60~100W
- CominSoon...

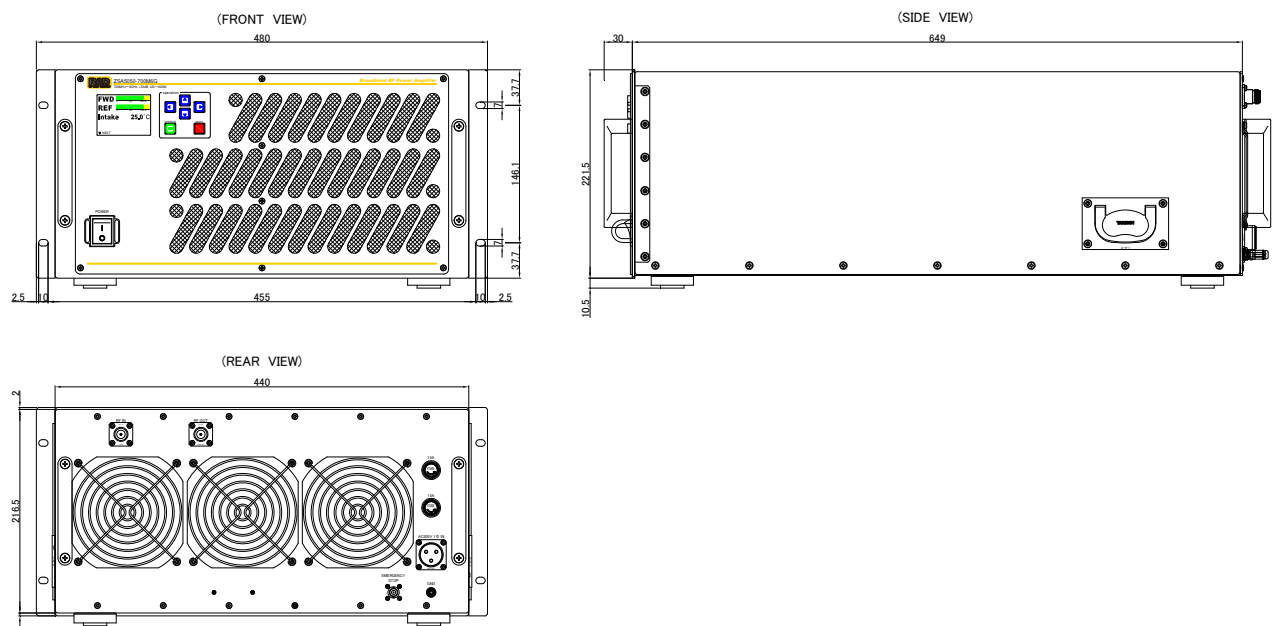
Applications

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

Additional Options

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

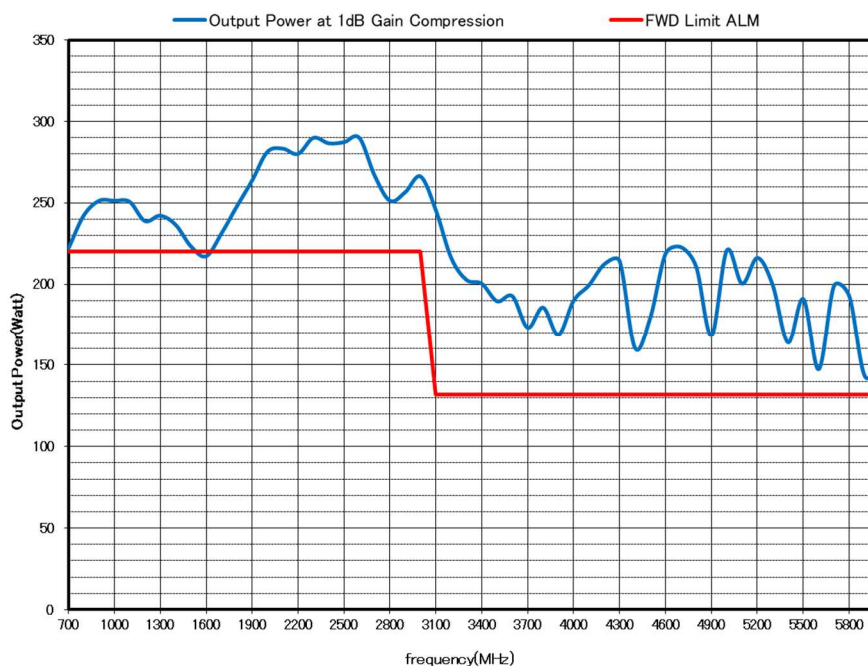
Outline Drawing ※ In Millimeters



Specifications

• Frequency Bandwidth	700MHz - 6GHz
• Rated Output Power(1dB Gain Compression)	200W CW (typ)@700M~3GHz 120W CW (typ)@3~6GHz 150W CW (min)@700M~3GHz 100W CW (min)@3~6GHz
• Class Type	Class A
• Gain	53dB (min)
• Gain Flatness	±3.0dB (max)
• Impedance	50ohms nominal
• Harmonics	-17dBc (typ) @700M~1GHz/Po=minimum P1dB -20dBc (typ) @1~6GHz/Po=minimum P1dB -18dBc (max) @1~6GHz/Po=minimum P1dB -70dBc (max) @Po=minimum P1dB -80dBc (typical)
• Spurious	
• Input VSWR	2:1 (max)
• Output VSWR	3:1 (typ)
• RF Input Connector	N-Female (Rear Panel)
• RF Output Connector	N-Female (Rear Panel)
• Input Power	+3dBm (max)
• Operating Temperature	0°C - +35°C
• Room Temperature Storage	-20°C - +70°C
• Cooling	Forced Air (Self Contained Fans)
• Power Voltage	200-240VAC, 50 - 60Hz, Single Phase
• Rated Current	12A at 200VAC @ Po=minimum P1dB
• Weight	36kg
• Dimensions	(W)480 x (D)650 x (H)221.5 mm (EIA/5U)
• Safety Interlock	Connector Type BNC-Female

Model ZSA5353-700M6G Typical Power Output



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