**Class A Linear Solid-State Amplifier**

- Broadband Frequency: 690MHz ~ 4000MHz
- Output Power (CW): 50W (min.) @1dB Comp.

**APPLICATION**

- EMC (Electromagnetic Compatibility)
- Accelerator Application
- Telecommunication Test and Measurement Application
- Etc...

**SPECIFICATIONS @ +25°C**

- Frequency Range: 690MHz ~ 4000MHz
- Small Signal Gain: +47.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power (CW): 50W (min.) @1dB Comp.
- Harmonics: −20.0dBc (max.) @Po=50W
- Spurious: −70.0dBc (max.) @Po=50W
- Impedance: 50Ω
- Input Return Loss: 9.5dB (min.) / VSWR: 2.0 (max.)
- Output Return Loss: 7.4dB (min.) / VSWR: 2.5 (max.)
- Maximum RF Input Power: +3.0dBm
- AC Supply Input: AC90V ~ 240V/1φ, 50/60Hz, 850VA
- Operating Temperature: 0℃ to +40℃
- Storage Temperature: −15℃ to +65℃
- Connectors: RF - IN N - FEMALE
- Connectors: RF - OUT N - FEMALE
- Size: (W)430mm × (D)650mm × (H)177mm (EIA: 4U)
- Excluding Projection
- Weight: 26.5kg (typ.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection
- Power Supply Voltage Protection
- Output Over Power Protection (@55W)
- Output Over Reflected Power Protection (@30W)

**OUTPUT POWER AMPLIFIER**

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