R&K-A202M402-4040R

Class A Linear Solid-State Amplifier
- Broadband Frequency: 2000MHz ~ 4000MHz
- Output Power (CW): 10W (min.) @1dB Comp.
- With Output Circulator

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

SPECIFICATIONS @ +25°C

- Frequency Range: 2000MHz ~ 4000MHz
- Small Signal Gain: +40.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power (CW): 10W (min.) @1dB Comp.
- Operation Mode: Class A
- Output I.C.P.: +50.0dBm (typ.)
- Harmonics: −20.0dBc (max.) @Po=10W
- Spurious: −70.0dBc (max.) @Po=10W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 1.6 (max.)
- Maximum RF Input Power: 3.0dBm
- AC Supply Input: AC100V ±10% / 1φ, 50/60Hz, 300VA
- Operating Temperature: 0°C to +40°C
- Storage Temperature: −15°C to +65°C
- Connectors: RF - IN N - FEMALE
- Size: (W)480mm × (D)449.5mm × (H)132.6mm
- Weight: 20.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection, Power Supply Voltage Protection
- Other: With Output Circulator

TYPICAL PERFORMANCE (Temp @ +25°C)

Gain Flatness

Input / Output VSWR

Output Power Linearity

Output Harmonics

Output Power 1dB Gain Comp.

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