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R&K-A020M102-4343R

Class A Linear Solid-State Amplifier
- Broadband Frequency: 20MHz ~ 1000MHz
- Output Power: 20W (min.) @1dB Comp.

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

SPECIFICATIONS @+25°C

- Frequency Range: 20MHz ~ 1000MHz
- Small Signal Gain: +43.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power: 20W (min.) @1dB Comp.
- Operation Mode: Class A
- Harmonics: -20.0dBc (max.) @Po=20W
- Spurious: -70.0dBc (max.) @Po=20W
- Impedance: 50Ω
- Input VSWR: 2.0 (max.)
- Output VSWR: 3.0 (max.)
- AC Supply Input: AC100V~240V/1φ, 50/60Hz, 400VA
- Maximum RF Input Power: +3.0dBm
- Operating Temperature: 0℃ to +40℃
- Storage Temperature: −15℃ to +65℃
- Connectors: RF IN N·FEMALE, RF OUT N·FEMALE
- Size: (W)480mm×(D)649.5mm×(H)132.6mm
- Weight: 25.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection, Power Supply Voltage Protection, Output Over Power Protection, Output Over Reflection Power Protection

TYPICAL PERFORMANCE (Temp @+25°C)

- Gain Flatness
- Input / Output VSWR
- Output Power Linearity
- Output Harmonics
- Output Power 1dB Gain Comp.

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