

Radiofrequency Modules Line

VHF LINEAR AMPLIFIER (170-240 MHz)



VHF AMPLIFIER

RF CHARACTERISTICS

- Device: Ampleon BLP05H6350XR
- Frequency range: 170 -240 MHz
- DC Power supply: 50 V
- Input/Output impedance: 50 Ω
- Class: AB
- Test Signal: DVB-T/T2, DAB
- Output Power: up to 100 W @38 dB MER (with predistortion), 64 or 256 QAM test signal; up to 600W pulsed CW (100 μ s, 10% duty cycle)
- Efficiency: $\geq 65\%$ (pulsed operation), $\geq 30\%$ (DVB-T)
- Power Gain ≥ 18 dB in linear operation



ADDITIONAL FEATURES

- ☐ Base plate dim: 155x120 mm
- ☐ Typical application: Driver Amplifier for VHF particle accelerators

