

## HPA 160/100

VHF Power Amplifier 150 ... 175 MHz



### Technical Data

- Frequency Range: 150 ... 175 MHz
- Input Power: 5 W max. / Gain: 15 dB
- RF Output Power:
 

100 W	100 % Duty Cycle
150 W	80 % Duty Cycle
- P<sub>1dB</sub>: 165 W
- Gain Flatness: 0.2 dB (156 ... 162 MHz)
- Output Isolator / Circulator (Option)
- Harmonics and Spurious Suppression: ≥ 80 dB
- Output Directional Coupler
- Power-Detector:
 

Forward Power Port	DC	1 W ... 100 W	20 dB/V	Slew Rate	2 V/μs (typ.)
Reverse Power Port	DC	1 W ... 100 W	20 dB/V	Slew Rate	2 V/μs (typ.)
- BIAS Settling Time (READY ↔ STAND-BY): 10 μs (typ.)
- Temperature Controlled Fans
- Environment: Temperature: 0 ... +40°C / Humidity: 0 ... 85 %
- AC Input Power: 90 ... 260 VAC
- 19 Inch / 2 HU
- Weight: 11 kg

Technical specs subject to change