



1200 to 1400 MHz 250W POWER AMPLIFIER

- **250 W CW OUTPUT POWER**
- **CLASS “AB” OPERATION**
- **COMPACT SIZE**
- **OVER-TEMPERATURE PROTECTED**
- **LINEAR FORWARD POWER DETECTION**

This High Power Amplifier is intended for use mainly in broadband high power linear applications. It's compact size, high efficiency and well isolated RF output guarantee long trouble free operation. Wide range of monitored and controlled parameters provides detailed status information for the user.

Electrical characteristics:

Frequency Band	1200 to 1400 MHz
Output Power @ P1dB	53 dBm (200 W) min. , 54dBm (250W) typ.
Nominal Gain	53 dB
Gain flatness	+/-1dB
Maximum input power	+10dBm
Gain adjustment range	10dB @ 0.5dB step
Input and Output Impedances	50 Ohms
Input and Output VSWR	1.3:1
RF Input Connector	N-F
RF Output Connector	N-F
Harmonics	-50dBc
Spurious	-60dBc
Noise figure	4dB
Power Supply	200-260VAC; 45-55Hz, 1000W
Protections	Against high load mismatch, high temperature, overdrive
Remote control	Ethernet
Cooling	Forced air with inbuilt fans
Operating Temp. Range	0 to +50°C
Weight	approx. 20kg
EXTERNAL DRIVER AMPLIFIER IS INCLUDED	



BPBL16

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Outline dimensions (mm):

