
4.4 – 5.0 GHz 6W AMPLIFIER

- **6 W OUTPUT POWER**
- **CLASS “A” OPERATION**
- **COMPACT SIZE**
- **LOW POWER SWITCH**
- **TEMPERATURE CONTROL**
- **OVER-TEMPERATURE PROTECTED**

This High Power Amplifier is intended for use mainly in telecommunication systems as a power booster. However it can be used effectively for intermodulation test and measurements, as well as for other high power applications. It's compact size, and low power dissipation guarantee long trouble free operation. Output isolator, circulator recommended. Optionally this amplifier is available with heatsink, or as a 19" rack mountable unit with built in DC power supply.

Electrical characteristics:

Frequency Band	4400 MHz to 5000 MHz
1 dB Compression Point	37 dBm min. @ 38 dBm (6W) typ.
Nominal Gain	25 dB
Gain Ripple	± 1,5 dB
RF Input Connector	SMA-F
RF Output Connector	SMA-F
Control & Monitor Connector (*)	9 pin D-sub
DC Connector	Solder pin
Supply Voltage	+12 V DC
Supply Current	2,7 A typ.
Heatsink Operating Temp. Range	0 to +55 °C (opt.-20 to +65 °C)
Dimension	100 x 80 x 22

Proper heatsink is required.

Specifications are subject to change without notice

(*) Temperature monitor, over-temperature protection, low power switch, DC shutdown.

Outline dimensions (mm):
