

## 1800 MHz GSM 5W AMPLIFIER

- 5 W OUTPUT POWER
- CLASS "A" LINEAR AMPLIFIER
- OUTPUT POWER DETECTION
- BUILT-IN ISOLATOR

This Power Amplifier is intended for use mainly in GSM 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, low power dissipation and well isolated RF output guarantee long, trouble free operation. Optionally this amplifier is available with heatsink, or as a 19" rack mountable unit with built in DC power supply.

### Electrical characteristics:

Frequency Band	1710 to 1880 MHz
1 dB Compression Point	37 dBm (5 W) min.
ICP3	50 dBm typ. 48 dBm min.
Nominal Gain	30 dB
Gain Ripple	± 1 dB
Supply Voltage	+11 - 13 V DC
Supply Current	1.5 A typ.
RF In/Output Connector	SMA-F
Control Connector (*)	9 pin D-sub
DC Connector	Solder pin
Heatsink Operating Temp. Range	0 ...+ 60 °C (optional: - 30 ...+ 70 °C)
Dimension	120 x 125 x 22 mm

Proper heatsink is required.

Specifications are subject to change without notice.

(\*) Temperature, forward power and ALC level monitoring, over-temperature protection, RF and DC shutdown.

### Outline dimensions (mm):

