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**5.9 – 6.4 GHz 3W AMPLIFIER**

- **3 W OUTPUT POWER**
- **CLASS “A” OPERATION**
- **SMALL SIZE**
- **OUTPUT ISOLATOR**
- **TEMPERATURE & POWER MONITOR**
- **OVER-TEMPERATURE PROTECTED**

This High Power Amplifier is intended for use mainly in telecommunication systems as a power booster. This power amplifier may function as a stand-alone solid-state amplifier or as a driver stage for high power solid state or tube amplifiers. It's small size, and low power dissipation 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	5900 MHz to 6400 MHz
1 dB Compression Point	34 dBm min. @ 35 dBm (3 W) typ.
3th Order Intermodulation	44 dBm min. @ 46 dBm typ.
Nominal Gain	35dB
Gain Ripple	±1.0 dB
Noise Figure	<4 dB typ.
Reflection	<-14 dB typ.
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	1.5 A typ.
Heatsink Operating Temp. Range	0 to +55 °C (opt. -20 to +65 °C)

Proper heatsink is required.

Specifications are subject to change without notice

(\*) RF power monitor, Temperature monitor, Over-temperature protection, DC shutdown.

**Outline dimensions (mm):**
