

0.5 – 3 GHz 0.5W AMPLIFIER

- 0.5 W OUTPUT POWER
- CLASS “A” OPERATION
- MULTIOCTAVE BANDWIDTH
- COMPACT SIZE

This Wideband Power Amplifier is intended for use mainly in telecommunications 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.

Electrical characteristics:

Frequency Band	0.5 – 3 GHz
Output Power	27 dBm (0.5 W)
Nominal Gain	18 dB
Gain Ripple	± 1.5 dB
I/O Return Loss	< 10 dB typ.
RF Input / Output Connectors	SMA-F
DC Connector	Solder pin
Supply Voltage	+12 V DC
Supply Current	300 mA typ.
Heatsink Operating Temp. Range	0 to + 60 °C (opt.-30 to +70 °C)

Proper heatsink is required.

Specifications are subject to change without notice.

Outline dimensions (mm):

