

**Actipass Co., Ltd.**

451, Hagal-Dong, Giheung-Gu, Yongin-Si, Kyunggi-Do, Korea

TEL : 82-31-201-7589 FAX : 82-31-204-7502

E-Mail : [steve@actipass.com](mailto:steve@actipass.com) / actipass@actipass.com www.actipass.com

## Active Redundant LNA



### Description

- AVAILABLE ACTIVE REDUNDANT
- LOW NOISE FIGURE
- HIGH GAIN

Active redundant LNA has very low noise figure and high gain through all operating frequency range. The main feature of redundant LNA, applicable to cellular, PCS, WLL and IMT-2000 system, is keeping normal operating without performance degradation when the open path failed. Other frequency bands are available upon request.

### Specifications

Model No.	ALA - 800AR	ALA - 1800AR
Frequency Range[MHz]	824 ~ 849	1710 ~ 1780
Noise Figure[dB]	1.5	1.5
Gain[dB]	40	40
Gain Flatness[dB]	0.5max.	0.5max.
Gain Variation[dB]	1.0max.	1.0max.
P1dB[dBm]	24min.	24min.
PIP3[dBm]	37min.	37min.
Return Loss[dB]	15min.	15min.
DC Power[Vdc / mA]	12 / 400	12 / 400
Connector	SMA (F)	SMA (F)
Alarm Indication	Open Collector	Open Collector
Operating Temperature[ °C]	-30 ~ +50	-30 ~ +50
Size(WxLxH) , [mm(inch)]	103x53x36 (4.06x2.09x1.42)	103x53x36 (4.06x2.09x1.42)

\* The specification can be modified upon buyer's requests.

\* All specifications are subject to change without notice.

\* The latest specifications are available at [www.actipass.com](http://www.actipass.com)