



APM CO., LTD

AAM-5010aM-ODU

5.8GHz Amplifier



Features

- For IEEE802.11a
- Fixed TX/RX Gain
- Outdoor Use
- DC power feed through RF cable
- Transmit P1dB: +33dBm
- High switching speed
- TX/RX LED Indication

Specification

Output Power	+29 dBm \pm 1.5dB / yields 36Mbps for OFDM
Operating Range	5100-5900 MHz
Operating Mode	Bi-Directional TDD
Transmit Gain	10dB \pm 2dB (optional: 12dB)
Frequency Response	\pm 2dB
Signal Type	IEEE802.11a
TX / RX Switch Time	<500 nSec
TX Input Power	2dBm Min / 18dBm Max
Receiver Gain	12dB \pm 2dB
Noise Figure	<3.5dB typical
Connectors	N Type, 50Ohm
Power Consumption	Tx: <1.3A / Rx: <50mA @ 9-12 VDC
LED Indication	Transmit: Green / Receive: Red
AMP Dimensions	112L * 60W * 31H (mm)
Operating Temperature	-20 ~ +70°C