



APM CO., LTD

AAM-5010a-ODU

802.11a Outdoor Booster



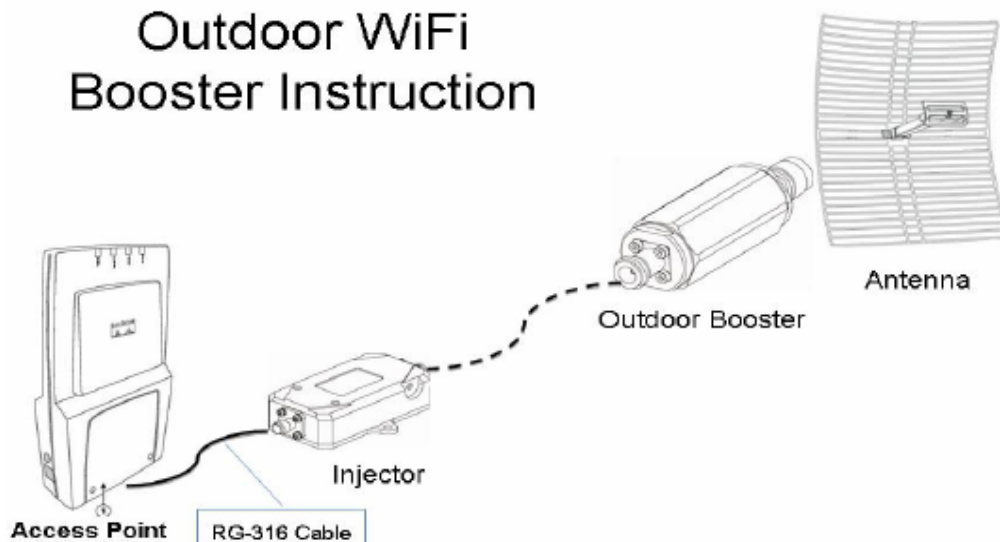
Designed for extending the range of 5.8GHz wireless radio devices, the booster amplifier is particularly effective when used with Direct Sequence or Frequency Hopping Spread Spectrum radio modems . The unit provides the transmit power gain as well as receive signal gain. Proprietary in-house MMIC design allows sensing of input power level and protects itself against over power or reverse power operating conditions.

Feature

- Strengthen radio signal to Increase the effective range and coverage area for Wi-Fi communication
- Save wiring costs, easily build a wireless infrastructure for home or business use
- Make broadband wireless application in possible coverage
- IP67 water proof

Application

Outdoor WiFi Booster Instruction





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Specification

Frequency Range	5.8GHz
P1dB	30dBm
Linear Pout	21dBm @EVM=5.5%,54Mbps
Tx Mode Turn on Power	> 5dBm
Tx Gain	14dBm
Rx Gain	11dBm
Rx Noise Figure	3.5dB
VSWR, input/output	< 2
DC supply	9~12V
Operating temperature	-40~+70 °C
RF connector	Input: N(F) ,Output : N(M)