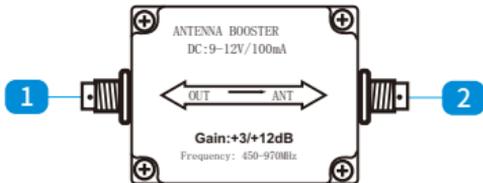


ANB241

Active Repeater Amplifier

Product Appearance



- 1 Connect Host
- 2 Connect Antenna

Feature

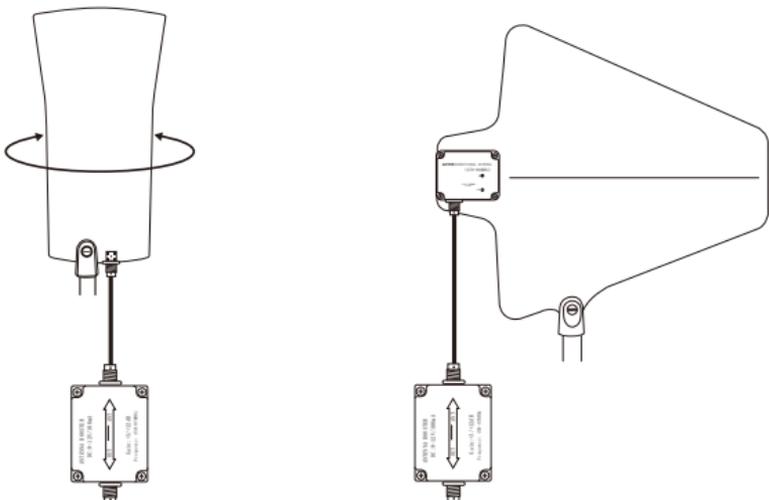
- RF active line amplifiers provide RF signal amplification to compensate for signal attenuation on long-distance high-frequency connection lines.
- Improve the operating range and stability of the wireless system. Each repeater amplifier can compensate for cable losses up to 35 meters.

Parameters

| Item | Index |
|----------------|-----------------|
| Frequency Band | 450MHz ~ 970MHz |
| Gain | +3dB/+12dB |
| Interface | BNC |
| Impedance | 50Ω |
| Size | 89x51x30mm |

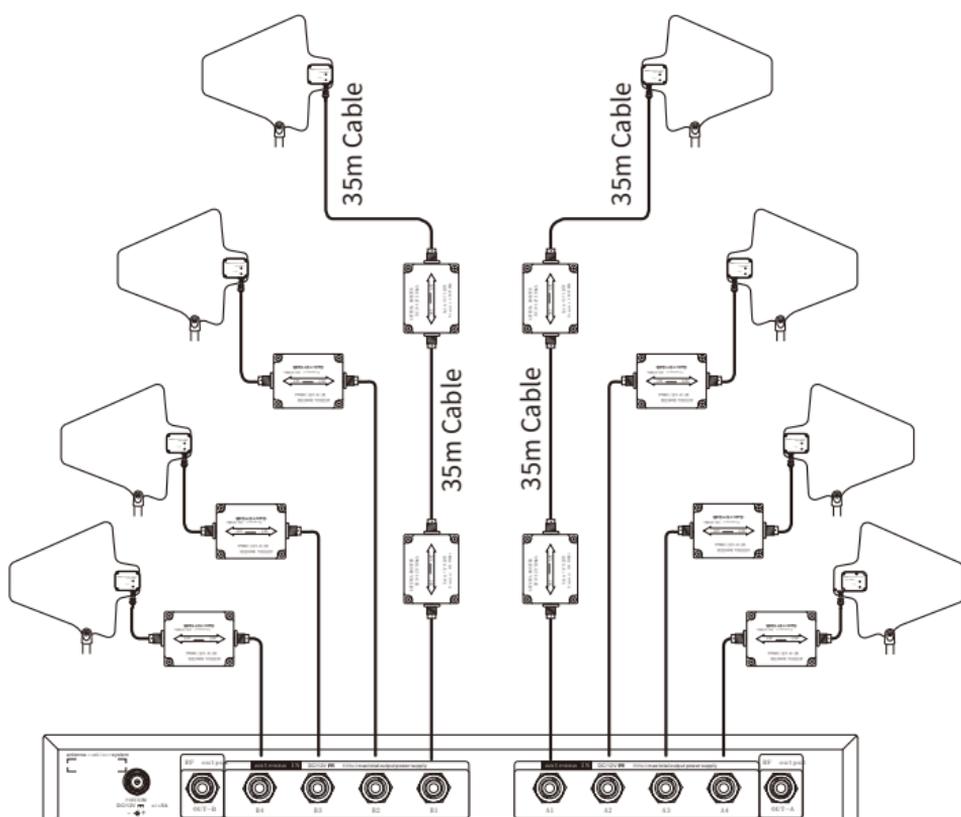
TOPO

Connect with antenna



Connect with antenna combiner

- For every 35 meters of the cable connecting the antenna and the host, a relay amplifier must be connected in series to compensate for the line loss. The amplifier is powered by the host through the cable, and no external power supply is required. Just pay attention to the input and output direction.
- The 8 antenna ports of the integrator can provide 12V power to the external antenna or amplifier. The total number of amplifiers that can be connected in series to an integrator cannot exceed 24, otherwise the integrator will be damaged!
- Amplifiers exceeding the limit can be powered independently using a 12V adapter, with no limit on the number.
- When the cable between the antenna and the amplifier or integrator reaches 35 meters, the antenna or amplifier gain should be adjusted to 10~12dB (please refer to the antenna instructions)



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