

WAE-2424GR

24dBi Outdoor Grid Antenna

Weather Resistant Antenna

The WAE-2424GR is a 24dBi wireless antenna constructed of weather resistant material. The directional (horizontal 11degree, vertical 9 degree) characteristic allow the antenna to focus its signal for longer distance and avoid interference from nearby source. It is very suitable for outdoor point-to-point bridge use. The antenna is equipped with female N-Type connector for use with RG-213 cable.

Focus AP's signal for longer distance

Wireless signal loses a majority of its strength when penetrating a concrete wall. Therefore, indoor AP has difficulty to makes its signal available outside of the building. The WAE-2424GR allows your AP's antenna to extend

outside, mounting on a rooftop or outside wall. Furthermore, patch antenna focus the antenna signal in a particular direction to allow secure signal transmission over longer distance. This is essential for outdoor point-to-pint bridge use. The antenna comes with N-Type connector to connect with outdoor AP. To connect with indoor AP's reversed-SMA connector, a RG316-SNF adapter cable and RG213-SNN cable is required.



Specification

Connector type

- Male N-Type

Recommended adapter and cable

- [RG-213-SNN](#) cable required for connection with outdoor AP
- [RG316-SNM](#) cable required for short connection(30cm) with indoor AP
- [RG316-SNF](#) and [SG213-SNN](#) required for longer distance(>30cm) with indoor AP

Frequency range

- 2.4~2.5GH

Radiation

- Directional
- 11 degree horizontal, 9degree vertica

Polarization

- Vertical

Material

- Element: stainless steel

Impedance

- 50 Ohms nominal

Front to back Ratio

- Greater than 30dB

VSWR

- 2.0 or smaller

Gain:

- 24 dBi

Temperature:

- Operating: -40 to +85 degree C
- Storage: -40 to +85 degree C

Dimensions

- 1000 x 600mm
- 5 kg

Ordering Information

WAE-2424GR 24dBi 2.4Ghz Outdoor Grid Antenna