

## WAE-5024GR

### 5Ghz 24dBi Outdoor Antenna

### Weather Resistant Antenna

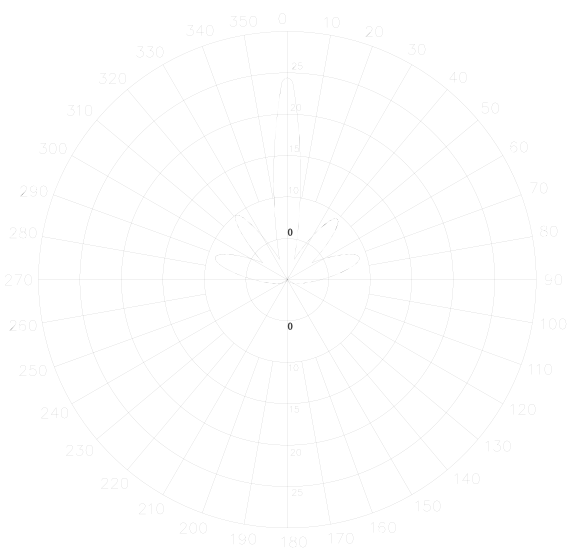
The WAE-5024GR is a 24dBi wireless antenna constructed of weather resistant material. The directional (horizontal 8 degree, vertical 5 degree) characteristic allow the antenna to focus its signal for longer distance and avoid interference from nearby source. It is very suitable for outdoor point-to-point bridge use. The antenna is equipped with female N-Type connector for use with RG-213 cable.



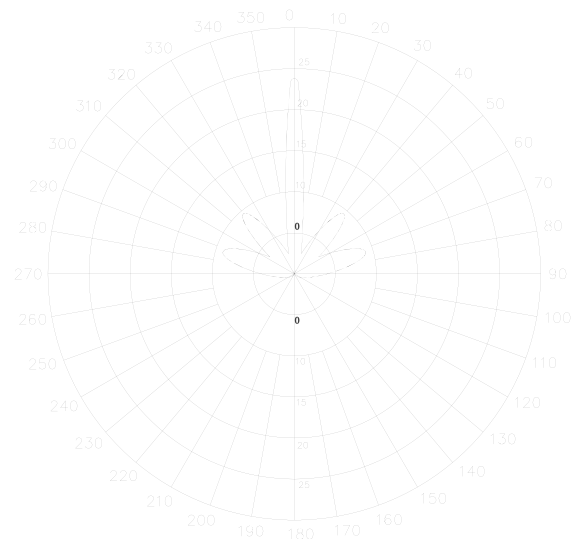
### Focus AP's signal for longer distance

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-5024GR 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.

**H-PLANE FIELD PATTERNS**



**E-PLANE FIELD PATTERNS**



## Specifications

### Connector type

- Female N-Type

### Recommended adapter and cable

- [RG-213-NN](#) cable required for connection with outdoor Bridge/AP

### Frequency range

- 5.1~5.9GHz

### Impedance

- 50 Ohms nominal

### VSWR

- 1.5 or smaller

### Gain:

- 24 dBi

### Front to Back Ratio

- 30dB

### Radiation

- Directional

- 8 degree horizontal, 5 degree vertical

### Material

- Element: Aluminum
- Radome: ABS

### Temperature:

- Operating: -20~+70 degree C
- Storage: -40~+85 degree C

### Dimensions

- 600 x 435 mm
- 1.4kg

## Ordering Information:

**WAE-5024GR**      5Ghz 24dBi outdoor Antenna