



## WAE-210PA

### 21dBi Outdoor Patch Antenna

#### Weather Resistant Antenna

The WAE-210PA is a 21dBi wireless antenna constructed of weather resistant material. The directional (horizontal 15degree, vertical 20 degree) characteristic allow the antenna to focus its signal for longer distance. 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. The new color and texture blends your antenna into your building outer wall.

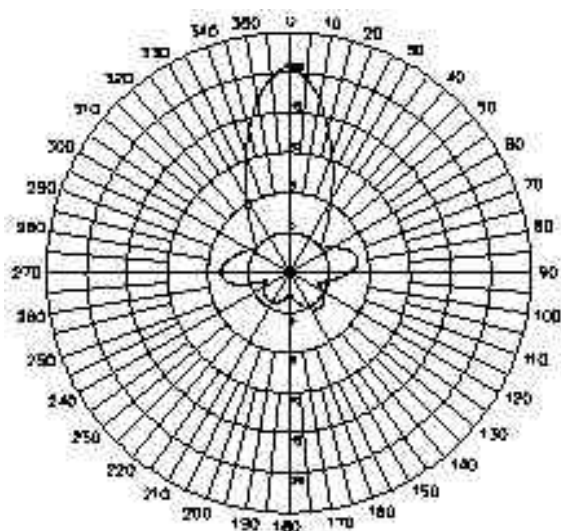


#### Focus AP's signal for longer distance

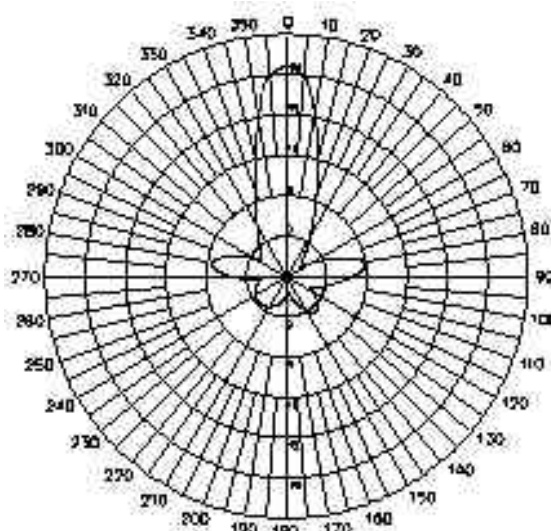
Wireless signal loses a majority of its strength when penetrating a concrete wall. Therefore, indoor AP has difficulty to make its signal available outside of the building. The WAE-210PA allows your AP's antenna to extend outside, mounting on a rooftop or outside wall. Furthermore, patch antenna focus the antenna signal in a particular direction to allow secure signal transmission over longer distance. This is essential for outdoor point-to-point 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.

### Field Pattern

H-Plane (Horizontal)



E-Plane (Vertical)





## Specification

### Connector type

- Female 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

- 2.1~2.6GHz

### Impedance

- 50 Ohms nominal

### VSWR

- 1.5 or smaller

### Gain:

- 21dBi

### Radiation

- Directino
- 15 degree horizontal, 20 degree vertical

### Polarization

- Vertical

### Material

- ABS

### Temperature:

- Operating: -20 to +65 degree C
- Storage: -30 to +75 degree C

### Dimensions

- 370 x 370 x 30 mm
- 1.3kg

## Ordering Information

**WAE-210PA** 21dBi Outdoor Patch Antenna