

## WAE-140PAV2

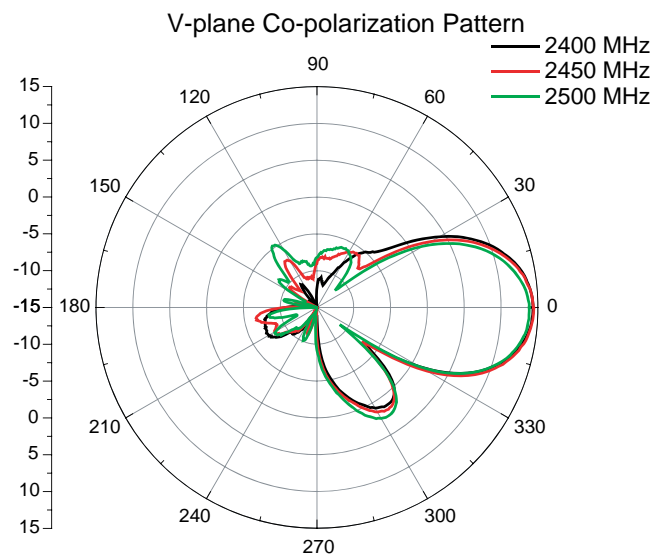
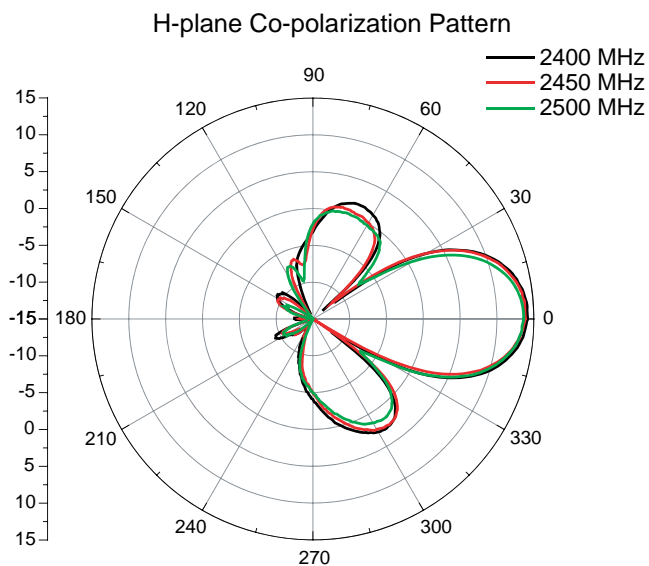
**14dBi 2.4GHz Wireless Antenna**  
**Directional to focus for longer distance**  
**Designed for outdoor bridge use**

The WAE-140PAV2 is a 14dBi wireless antenna constructed of weather resistant material. The directional (horizontal 30degree, vertical 30 degree) characteristic allow the antenna to focus its signal for longer distance. It is very suitable for outdoor point-to-point bridge use. 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 makes its signal available outside of the building. The WAE-140PAV2 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 20cm pigtail cable with female 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.



## Specifications

### Connector type

- 20cm pigtail cable with Female N-Type connector.

### 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

- 2.4~2.5GHz

### Impedance

- 50 Ohms nominal

### VSWR

- 1.5 or smaller

### Max. Input Power

- 10 W (cw)

### Gain:

- 14 dBi

### Radiation

- directional
- 30 degree horizontal, 30 degree vertical

### Polarization

- Vertical

### Material

- Element: Stainless Steel

### Temperature:

- Operating: -20 to +70 degree C
- Storage: -40 to +80 degree C

### Dimensions

- 210 x 210 x 73 mm
- 640g

## Ordering Information:

**WAE-140PAV2**      14dBi Outdoor Patch Antenna