

## Outdoor High Gain Panel Antenna

Product Number : PW-OHGP-90-11-824/896

### Electrical Specifications

|                                   |                        |
|-----------------------------------|------------------------|
| Frequency Range                   | 824~896 MHz            |
| Gain                              | 15dBi                  |
| VSWR                              | < 1.4                  |
| Horizontal 3dB Beamwidth          | 90 ± 8°                |
| Vertical 3dB Beamwidth            | 11 ± 2°                |
| Cross-Polar Discrimination        | > 15 dB                |
| Front-Back Ratio                  | > 23dB                 |
| Isolation                         | > 28dB                 |
| Polarization                      | +45° , - 45°           |
| First Upper Side lobe Level       | < -15dB                |
| First Lower Null Fill             | > -20dB                |
| Impedance                         | 50Ω                    |
| Maximum Input Power               | 500W                   |
| Connector                         | 2 x N(F) or 7/16DIN(F) |
| IM.3 <sup>rd</sup> Order(2x43dBm) | < -150dBc              |
| Lightning Protection              | Direct Ground          |



### Mechanical Specifications

|                               |                     |
|-------------------------------|---------------------|
| Dimension (LxWxH)             | 1536 x 285 x 135 mm |
| Weight of Antenna             | 23kg                |
| Diameter of Installation Pole | Φ50mm~110mm         |
| Radome Material               | UPVC                |
| Horizontal                    | 360°                |
| Angle of Pitch                | 0 ~ 15°             |
| Rated Wind Velocity           | 200km/h             |

