

The RoHS compliant outdoor antenna is purposely built for outdoor access points with N-type connection. Both omni-directional and Panel directional antenna types are included in the antenna product family designed for increasing the access point's coverage in a variety of environments. The outdoor Panel directional antenna types include:

- (1) 2.4GHz – 2.5GHz for 802.11b/g/n Applications
- (2) 5.1GHz – 5.9GHz for 802.11a/n Applications

### (1) 2.4GHz – 2.5GHz Antenna for 802.11b/g/n Applications

#### **ANT-PD242508** 2.4GHz - 2.5GHz 8dBi Panel Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 8dBi
- Polarization: Linear, Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 5 watts
- Vertical Beamwidth: 46 degrees
- Horizontal Beamwidth: 60 degrees
- Impedance: 50 ohms
- Dimension: 125mm x 125mm x 40mm
- Weight: 200g
- Connector Type: N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C

#### **ANT-PD242514** 2.4GHz - 2.5GHz 14dBi Panel Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 14dBi
- Polarization: Linear, Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 5 watts
- Vertical Beamwidth: 30 degrees
- Horizontal Beamwidth: 30 degrees
- Impedance: 50 ohms
- Dimension: 210mm x 210mm x 40mm
- Weight: 400g
- Connector Type: N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C

## ANT-PD242518 2.4GHz - 2.5GHz 18dBi Panel Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 18dBi
- Polarization: Linear, Directional
- VSWR:  $\leq 1.3: 1$
- Maximum Input Power: 5 watts
- Vertical Beamwidth: 16 degrees
- Horizontal Beamwidth: 17 degrees
- Impedance: 50 ohms
- Dimension: 375mm x 375mm x 40mm
- Weight: 1200g
- Connector Type: N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C

## (2) 5.1GHz – 5.9GHz Antenna for 802.11a/n Applications

### ANT-PD515913 5.1GHz – 5.9GHz 13dBi Panel Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 13dBi
- Polarization: Linear, Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 10 watts
- Vertical Beamwidth: 35 degrees
- Horizontal Beamwidth: 38 degrees
- Impedance: 50 ohms
- Dimension: 125mm x 125mm x 40mm
- Weight: 250g
- Connector Type: N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C

### ANT-PD515918 5.1GHz – 5.9GHz 18dBi Panel Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 18dBi
- Polarization: Linear, Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 10 watts
- Vertical Beamwidth: 16 degrees
- Horizontal Beamwidth: 15 degrees
- Impedance: 50 ohms
- Dimension: 210mm x 210mm x 35mm
- Weight: 420g
- Connector Type: N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C

## ANT-PD515923 5.1GHz – 5.9GHz 23dBi Panel Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 23dBi
- Polarization: Linear, Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 10 watts
- Vertical Beamwidth: 12 degrees
- Horizontal Beamwidth: 10 degrees
- Impedance: 50 ohms
- Dimension: 375mm x 375mm x 30mm
- Weight: 1200g
- Connector Type: N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C

## ANT-PD5459D 5.4-5.9GHz Dual-Polarized (H&V) 17dBi Panel Antenna



- Frequency Range: 5.4GHz – 5.9GHz
- Antenna Gain: 17dBi
- Polarization: Directional, Vertical and Horizontal
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 5 watts
- Vertical Beamwidth: Port 1:16 degrees; Port 2:15 degrees
- Horizontal Beamwidth: Port 1:17 degrees; Port 2:16 degrees
- Antenna Design: 16 (4 x 4) Patch Array
- Impedance: 50 ohms
- Dimension: 210mm x 210mm x 40mm
- Weight: 950g (including packaging)
- Connector Type: 2 x N-Type Female
- Housing Material: UV Resistant ABS
- Operating Temperature: -40°C to +60°C