

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 omni-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
- (3) Omni-Directional Down-Tilt Antenna for Servicing WLAN Clients
- (4) Mesh Omni-Directional Antenna for Mesh Network Applications

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

#### **ANT-OD242508** 2.4GHz - 2.5GHz 8dBi Omni-Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 8dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 12 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 535mm(L) x 70mm(D)
- Weight: 380g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

#### **ANT-OD242510** 2.4GHz - 2.5GHz 10dBi Omni-Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 10dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 8 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 825mm(L) x 70mm(D)
- Weight: 480g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

## ANT-OD242512 2.4GHz - 2.5GHz 12dBi Omni-Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 12dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 7 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 1140mm(L) x 70mm(D)
- Weight: 710g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

## ANT-OD242515 2.4GHz - 2.5GHz 15dBi Omni-Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 15dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 6 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 1480mm(L) x 70mm(D)
- Weight: 800g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

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

### ANT-OD515908 5.1GHz – 5.9GHz 8dBi Omni-Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 8dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 100 watts
- Vertical Beamwidth: 11 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 345mm(L) x 70mm(D)
- Weight: 340g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

## ANT-OD515910 5.1GHz – 5.9GHz 10dBi Omni-Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 10dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 100 watts
- Vertical Beamwidth: 9 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 445mm(L) x 70mm(D)
- Weight: 370g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

## ANT-OD515912 5.1GHz – 5.9GHz 12dBi Omni-Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 12dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 100 watts
- Vertical Beamwidth: 8 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 575mm(L) x 70mm(D)
- Weight: 420g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

## ANT-OD515915 5.1GHz – 5.9GHz 15dBi Omni-Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 15dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 100 watts
- Vertical Beamwidth: 5 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 745mm(L) x 70mm(D)
- Weight: 480g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

### (3) Omni-Directional Down-Tilt Antenna for Servicing WLAN Clients

#### **ANT-OD242508DT7** 2.4GHz – 2.5GHz 8dBi Omni-Directional Down-Tilt Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 8dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 12 degrees
- Horizontal Beamwidth: 360 degrees
- Down-Tilt Angle: 7 degrees
- Impedance: 50 ohms
- Dimension: 535mm(L) x 70mm(D)
- Weight: 350g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

#### **ANT-OD242515DT7** 2.4GHz – 2.5GHz 15dBi Omni-Directional Down-Tilt Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 15dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 6 degrees
- Horizontal Beamwidth: 360 degrees
- Down-Tilt Angle: 7 degrees
- Impedance: 50 ohms
- Dimension: 1520mm(L) x 70mm(D)
- Weight: 900g
- Connector Type: N-Type Female
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

## (4) Mesh Omni-Directional Antenna for Mesh Network Applications

### ANT-OD242505M 2.4GHz – 2.5GHz 5dBi Mesh Omni-Directional Antenna



- Frequency Range: 2.4GHz – 2.5GHz
- Antenna Gain: 5dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.3 : 1$
- Maximum Input Power: 50 watts
- Vertical Beamwidth: 38 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 320mm(L) x 20mm(D)
- Weight: 180g
- Connector Type: N-Type Male
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

### ANT-OD515908M 5.1GHz – 5.9GHz 8dBi Mesh Omni-Directional Antenna



- Frequency Range: 5.1GHz – 5.9GHz
- Antenna Gain: 8dBi
- Polarization: Vertical, Omni-Directional
- VSWR:  $\leq 1.5 : 1$
- Maximum Input Power: 100 watts
- Vertical Beamwidth: 12 degrees
- Horizontal Beamwidth: 360 degrees
- Impedance: 50 ohms
- Dimension: 315mm(L) x 20mm(D)
- Weight: 170g
- Connector Type: N-Type Male
- Housing Material: Fiberglass
- Operating Temperature: -40°C to +60°C

\*\* Specifications subject to change without notice