

## 2.4Hz 15dBi Outdoor Omni-directional Antenna TL-ANT2415D

### ◎ Features:

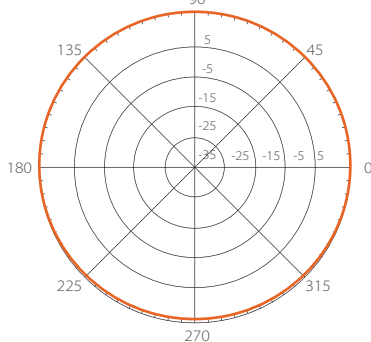
- 15dBi Omni-directional operation highly enlarges the wireless coverage
- N female connector, compatible with most of the wireless equipments
- Weather proof design, suitable for all weather condition
- Provided mounting kits enable easy installation for various environments

### ◎ Description:

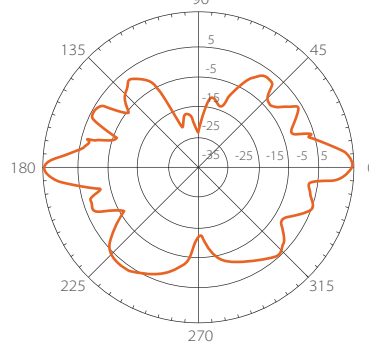
TL-ANT2415D operates in the 2.4-2.5 GHz band and provides 15dBi Omni-directional operation, which largely extends the wireless range and delivers much better wireless performance. The antenna offers the N female connector guaranteeing wider compatibility with most of the wireless equipments. Also, the weather proof design ensures that it can work normally for various demanding outdoor solutions.

### ◎ Radiation Patterns:

H-Plane Co-Polarization Pattern  
2450MHz



V-Plane Co-Polarization Pattern  
2450MHz



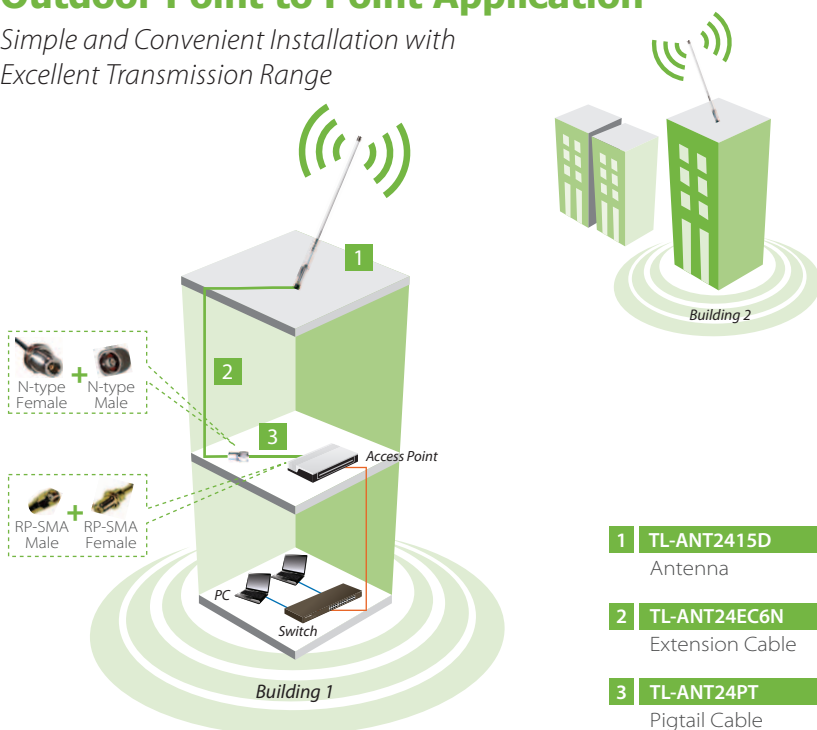
## ◎ Specifications:

|                          |                             |
|--------------------------|-----------------------------|
| Frequency                | 2.4 ~ 2.5 GHz               |
| S.W.R.                   | <= 2.0                      |
| Antenna Gain             | 15 dBi                      |
| Polarization             | Linear                      |
| Impedance                | 50 Ohms                     |
| HBBW @ H-Plane           | 360 Degree Omni-Directional |
| HPBW @ E-Plane           | <= 9 Degree                 |
| Handle Power             | 20 Watt                     |
| Material of Radiator     | Cu & Zn-Alloy               |
| Material of Plastic Body | Glass Fiber                 |
| Cable Type               | RG 316D                     |
| Connector Type           | N Jack                      |
| Connector Pull Test      | >= 8 Kg                     |
| Operation Temperature    | - 40 °C ~ + 65 °C           |
| Standards                | RoHS, WEEE                  |

## ◎ Diagram:

### Outdoor Point to Point Application

Simple and Convenient Installation with Excellent Transmission Range



1 TL-ANT2415D  
Antenna

2 TL-ANT24EC6N  
Extension Cable

3 TL-ANT24PT  
Pigtail Cable

### Package:

- 15dBi Outdoor Omni-directional Antenna
- Installation mounting kits
- User Guide

### Related Products:

- 54Mbps High Power Wireless Access Point  
TL-WA5110G
- 150Mbps Wireless N Access Point  
TL-WA701ND