

## 2.4GHz 12dBi Outdoor Omni-directional Antenna TL-ANT2412D

### ⦿ Features:

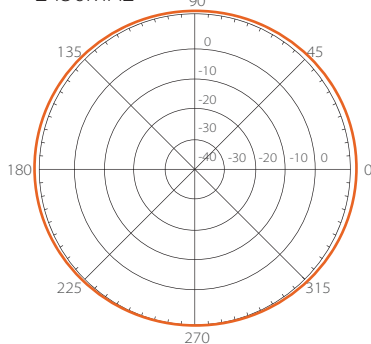
- 12dBi Omni-directional operation highly enlarges the wireless coverage
- N female connector, compatible with most of the wireless equipments
- Weather proof design, suitable for all weather condition
- Provided mounting kits enable easy installation for various environments

### ⦿ Description:

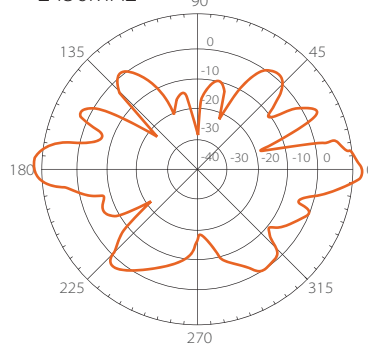
TL-ANT2412D operates in the 2.4-2.5 GHz band and provides 12dBi Omni-directional operation, which largely extends the wireless range and delivers much better wireless performance. The antenna offers the N female connector guaranteeing wider compatibility with most of the wireless equipments. Also, the 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



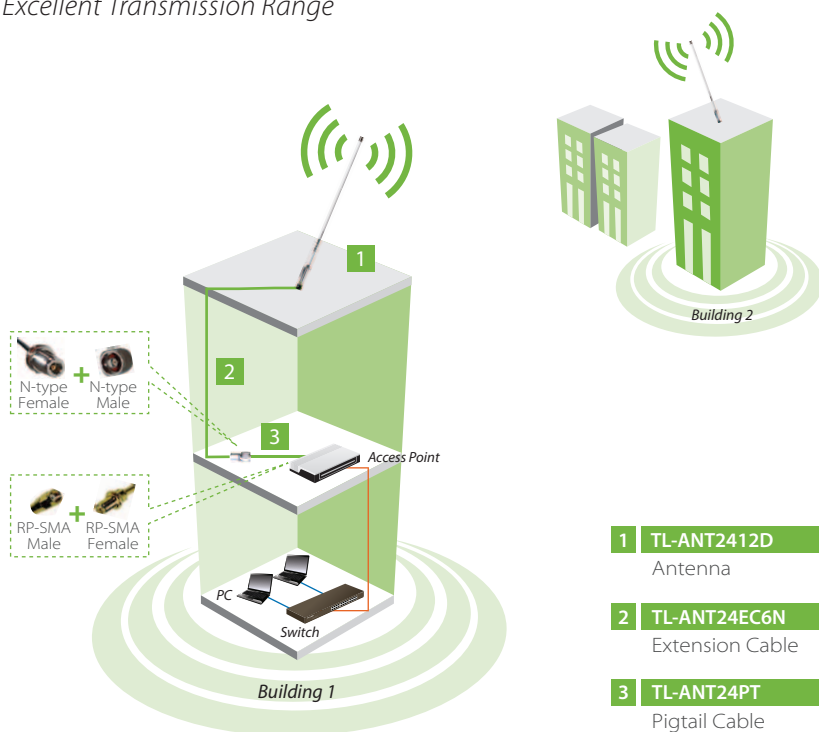
## ◎ Specifications:

|                          |                             |
|--------------------------|-----------------------------|
| Frequency                | 2.4 ~ 2.5 GHz               |
| S.W.R.                   | <= 2.0                      |
| Antenna Gain             | 12 dBi                      |
| Polarization             | Linear                      |
| Impedance                | 50 Ohm                      |
| Application              | Outdoor                     |
| HBBW @ H-Plane           | 360 Degree Omni-Directional |
| HPBW @ E-Plane           | <= 12 Degree                |
| Material of Radiator     | Cu & Zn-Alloy               |
| Material of Plastic Body | Glass Fiber                 |
| Connector Type           | N Jack                      |
| Operation Temperature    | - 40 °C ~ + 65 °C           |
| Standards                | RoHS, WEEE                  |

## ◎ Diagram:

### Outdoor Point to Point Application

Simple and Convenient Installation with  
Excellent Transmission Range



### Package:

- 12Bi 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