

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

### ◎ Features:

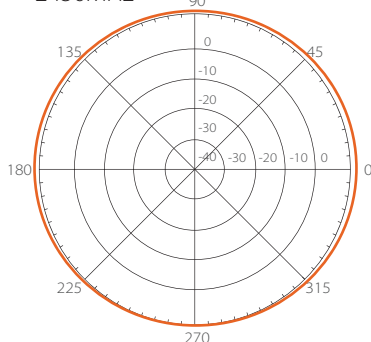
- 12dBi Omni-directional operation highly enlarges the wireless coverage
- N female connector, compatible with most of the wireless equipments
- Weather proof design, suitable for all weather condition
- Provided mounting kits enable easy installation for various environments

### ◎ Description:

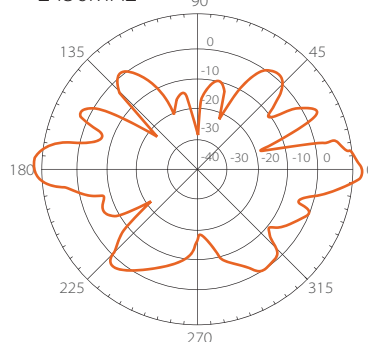
TL-ANT2412D operates in the 2.4-2.5 GHz band and provides 12dBi Omni-directional operation, which largely extends the wireless range and delivers much better wireless performance. The antenna offers the N female connector guaranteeing wider compatibility with most of the wireless equipments. Also, the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



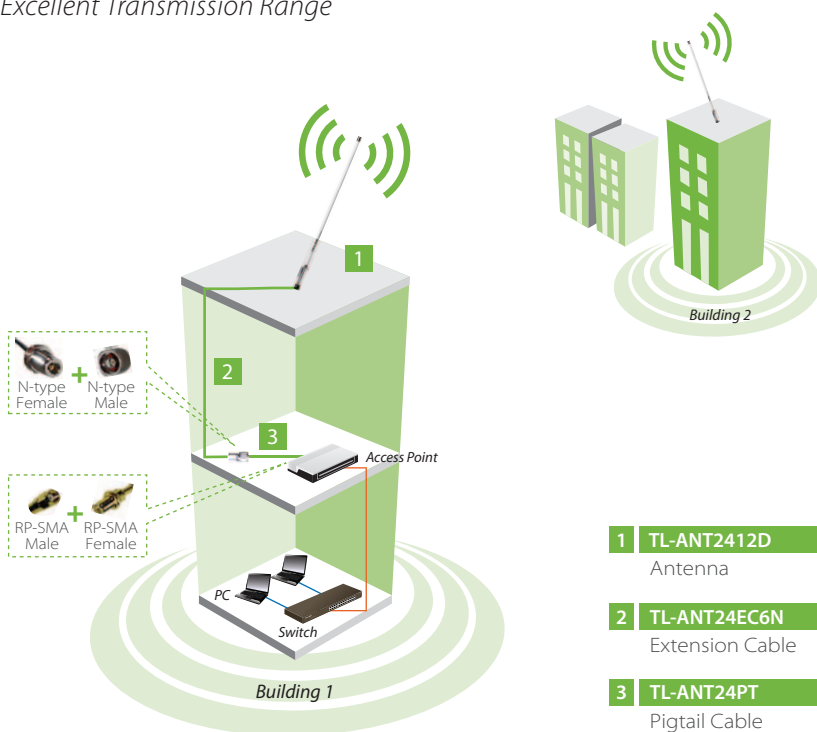
## ◎ Specifications:

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



**1** TL-ANT2412D  
Antenna

**2** TL-ANT24EC6N  
Extension Cable

**3** TL-ANT24PT  
Pigtail Cable

### 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