

## 2.4GHz 9dBi Indoor/Outdoor Directional Antenna

### TL-ANT2409A / TL-ANT2409B

#### ⦿ Features:

- Compliant with 802.11b/g, 2.4GHz wireless application
- 9dBi signal gain
- Directional operation
- 100cm low loss CFD-200 cable
- RP-SMA Male connector (TL-ANT2409A)
- N Type Female connector (TL-ANT2409B)

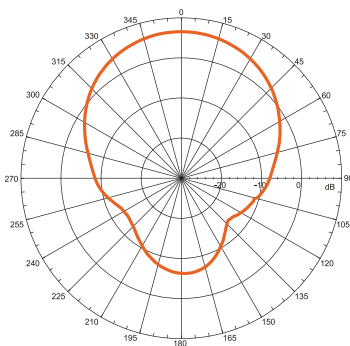


#### ⦿ Description:

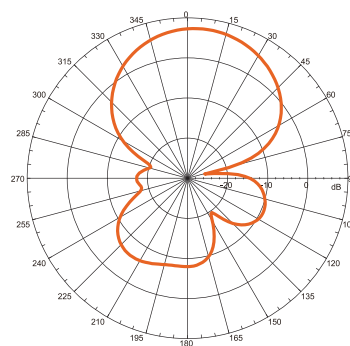
TP-LINK 9dBi 2.4GHz Indoor/Outdoor Directional Antenna, TL-ANT2409A& TL-ANT2409B are designed to strengthen the signal power, increase the wireless range, reduce dead spot, and give you reliability at high data rates for Indoor/Outdoor usage.

#### ⦿ Radiation Patterns:

V-Plane Co-Polarization Pattern



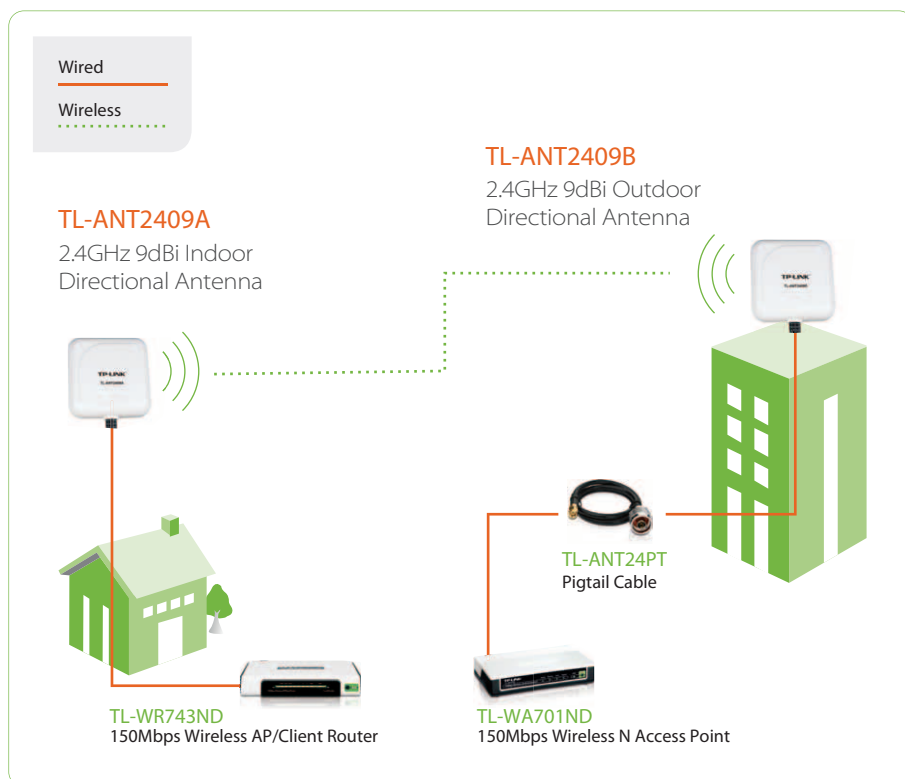
H-Plane Co-Polarization Pattern



## ◎ Specifications:

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| Frequency Range           | 2.4GHz~2.5GHz                                                 |
| Impedance                 | 50 Ohms                                                       |
| Gain                      | 9 dBi                                                         |
| VSWR                      | 1.92 : 1 Max                                                  |
| Polarization              | Linear, Vertical                                              |
| Beamwidth (HPBW)          | Horizontal: 60°<br>Vertical: 76°                              |
| Connector                 | TL-ANT2409A: RP-SMA Male<br>TL-ANT2409B: N-Type Female (Jack) |
| Cable                     | 100cm CFD-200                                                 |
| Radiation                 | Directional                                                   |
| Application               | Indoor/Outdoor                                                |
| Mount Style               | Pole Mount / Wall Mount                                       |
| Dimensions (L x W x H mm) | 120 x 120 x 40 mm                                             |
| Operating Temperature     | -10°C~60°C (14°F~140°F);                                      |
| Storage Temperature       | -40°C~80°C (-40°F~176°F)                                      |
| Operating Humidity        | 10%~90% non-condensing                                        |
| Storage Humidity          | 5%~90% non-condensing                                         |
| Standards                 | RoHS, WEEE                                                    |

## ◎ Diagram:



### Package:

- 9dBi Panel Directional Antenna
- Installation mounting kits
- User Guide

### Optional Accessories:

- 5meters Antenna Extension Cable  
TL-ANT24EC5S
- 3 Meters Antenna Extension Cable  
TL-ANT24EC3S
- Pigtail Cable  
TL-ANT24PT