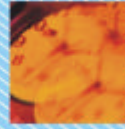




We Connect the World



# ANT58-018PN

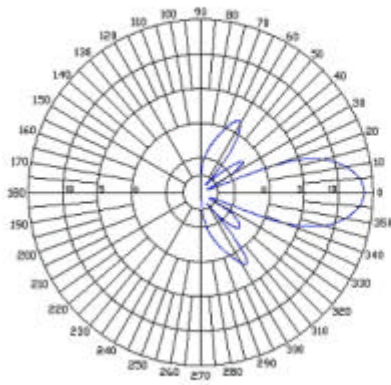
Panel Directional Antenna / 18 dB, N-Type Female Connector,  
5.1~5.835GHz

PheeNet ANT58-018PN is a 5100 ~ 5835MHZ Panel Directional Antenna with 18dB with N-Type Female Connector and DC Ground Lighting Protection, which is designed for Outdoor WLAN Application. The Panel Directional Antenna is applied to link two Access Point between two locations such as two buildings or more. With all the features, ANT58-018PN is an ideal device for 5.8G Wireless LANs, public wireless hotspot application and other multipoint applications where wide coverage is needed.

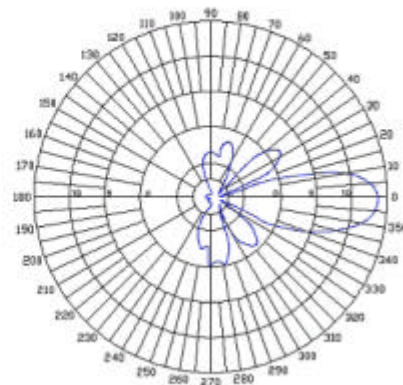
## APPLICATION



H-Plane Field Pattern



E-Plane Field Pattern



## Features

1. Panel Directional Antenna
2. Working on 5100~5835MHz
3. High 18dbi gain to extend coverage
4. Provide Horizontal & Vertical pole mounting & Down-Tilt capability
5. Dream lined outlook, with swivel mount

## Specification

| Electrical Specification                   |                               |
|--|-------------------------------|
| Frequency                                  | 5100~5835MHZ                  |
| Type                                       | Panel Directional             |
| Polarization                               | Linear, Horizontal / Vertical |
| Gain                                       | 18dBi                         |
| VSWR                                       | 2.0:1                         |
| Beam Width                                 | H-Plane 18°                   |
|  | E-Plane 18°                   |
| Impedance                                  | 50Ω                           |
| Connector Type                             | N Type (Female)               |
| Environmental & Mechanical Characteristics |                               |
| Temperature                                | -30 to 60                     |
| Lightning Protection                       | DC Ground                     |
| Material                                   | Cover: Injection PC/ABS       |
|  | Base: Aluminum                |
|  | Mount: Zinc Alloy & Aluminum  |
| Dimensions                                 | 330 x 295 x 35 mm             |
| Weight                                     | 1.6Kg (include swivel base)   |

### PheeNet Technology Corp.

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