







AT-OP24-14

2.4~2.5GHz 14dBi Outdoor Patch Antenna

-  14dBi , 2.4~2.5GHz Wireless Weather Resistant Antenna
-  Bridge Antenna in Point to Point Application
-  Client Antenna in a Point to Multi-point wireless Network
-  Type N Female Integrated Connector



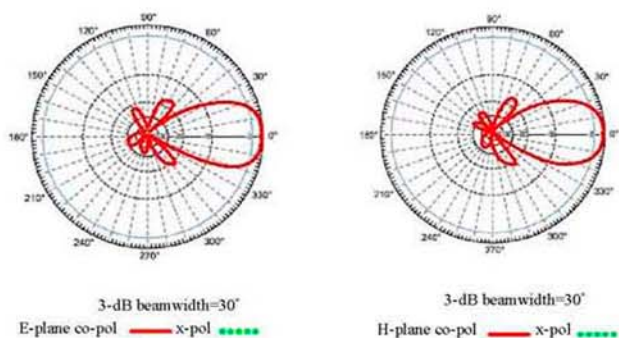
The AT-OP24-14 is a 14 dBi directional patch wireless antenna for the 2.4GHz band. It is constructed of weather resistant materials with UL rated ABS radome and aluminum back plate. It may be used in WLAN or WISP applications, either indoors or outside. It featuring a directional of horizontal 30 degree and vertical 30 degree allows the antenna to focus its signal for longer distance, and makes it as an ideal outdoor CPE or Point to Point applications. The AT-OP24-14 may be mounted vertically or horizontally polarized with up to a 30 degree vertical beam tilt, and comes with hardware for either wall or mast attachment. The antenna is equipped with female N-type connector for use with CA400-NN coax cable to connect outdoor AP. The AT-OP24-14 is also allowing your indoor AP's antenna to extend outside. The antenna may be mounted on a rooftop or outside wall. To connect with indoor AP's reversed-SMA connector, a RG316-SNF cable or RG316-SNM cable is required.

Specification

Frequency Range	● 2400~2500MHz
V.S.W.R.	● ≤ 1.5
Return Loss	● $\geq -15\text{db}$
Antenna Type	● PCB patch array
Gain	● 14dBi
Polarization	● Vertical or Horizontal
Maximum Power	● 50W
Vertical Beam-with	● 30°
Horizontal Beam-with	● 30°
Impedance	● 50Ω
Connector	● N-Type Female
Dimension	● 202 x 202 x 20 (D) mm
Weight	● 500g
Wind Survival	● >120 MPH
Radome Material	● ABS
Antenna Back Plate	● Aluminum
Down-tilt (Aluminum)	● "L" Style 0-30
Operating Temp.	● -40°C to $+80^{\circ}\text{C}$
Mounting / Clamps	● 32 – 45mm / U-bolt

The specifications listed above are subject to change without prior notice

AT-OP24-14 Radiation Pattern



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