

RADIUS XP 2.4 GHz – 17 dBi

RADIUS XP Antenna is designed in wave guide technique as a client antenna characterized by high energy gain. The antenna has horizontal polarization so it works perfectly with sector antennas (used in base stations). Radius XP antenna is made from the very best materials and thanks to this it has stable technical parameters independent from temperature and weather. The Antenna has high resistance to wind and has very easy mounting system which makes installation very simple. Radius XP can be also used as the base station's antenna, when sector antennas cannot be used. Due to its size we recommend it to use in mobile access networks.



Installation:

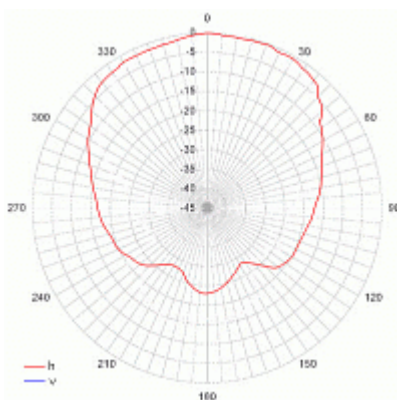
1. Mount antenna to a mast using included handle.
2. Direct the antenna onto the second antenna to make a connection link.
3. Connect the antenna's N-connector with the low-loss cable (H155, H1000). We suggest using angular N-connector which protects the connector from pulling out.
4. Protect the connection spot with a thermo-shrinkable screen or wax.

Technical specification:

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|-----------------------|--|
| Gain | 17 dBi |
| Frequency | 2400 - 2500 MHz |
| Vertical beam width | 6 degrees |
| Horizontal beam width | 90 degrees |
| Impedance | 50 Ohm |
| VSWR | 1.2 |
| Connector | N(f) socket |
| Dimensions | 310 / 100 / 25 mm |
| Weight | 0.6 kg |
| Backward radiation | -28 dBi |
| Polarization | horizontal |
| Standard | Full compatibility with IEEE 802.11x |
| Mounting | Mast handle, diameter from 1/2 to 7/4 inch (allows full rotation). |

Polarization:

Horizontal polarization:



Vertical polarization:

