

Smart Technology. Delivered.

2.4 GHz Directional Yagi Antenna



2.4 GHz DATA TRANSMISSION YAGI

The PC2415N provides users with a rugged, easy to install, high-gain directional antenna for deploying 2.4 GHz point-to-point bridges, and can also be used as an access point antenna in long, narrow coverage environments like a tunnel. The antenna offers 13.9 dBi of gain and a very symmetrical and uniform pattern characteristic. The antenna comes equipped with 12" of coax and N female connector. The PC2415N can be installed in either horizontal or vertical polarization and the design incorporates weep holes that are positioned to function regardless of polarization (a sealing system is provided for unused holes).

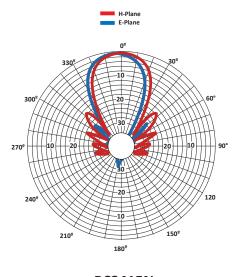
FEATURES

- UV stable housing
- One-piece brass radiating element
- Advanced microwave substrate
- Stainless steel hardware
- UltraLink® pigtail

MARKETS

WiMAX

| MODEL | PC2415N |
|----------------------------|---|
| Frequency (MHz) | 2400-2500 |
| Gain | 13.9 dBi |
| Number Elements | 15 |
| Front-to-Back Ratio | 18 dB |
| E-Plane (3 dB beamwidth) | 30º |
| H-Plane (3 dB beamwidth) | 34º |
| Radiating Element | Brass |
| Impededance (Ohms) | 50 |
| RF Connector (f) | N |
| Weight lb. (kg) | 1.25 (.56) |
| Mounting | Mast mounted with U-Bolts & Brackets |
| Dimensions in.(cm) | 26.5 x 3.75 x 1.5 (67.3 x 9.5 x 3.8) |
| Enclosure | UV Stable Polycarbonate |
| Mast Diameter Max. in (cm) | 2.125 (5.4) |
| Ultralink Cable in (cm) | 12 (30.5) |



PC2415N

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