Laird TECHNOLOGIES®

Innovative **Technology** for a **Connected** World

PC2415N
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).

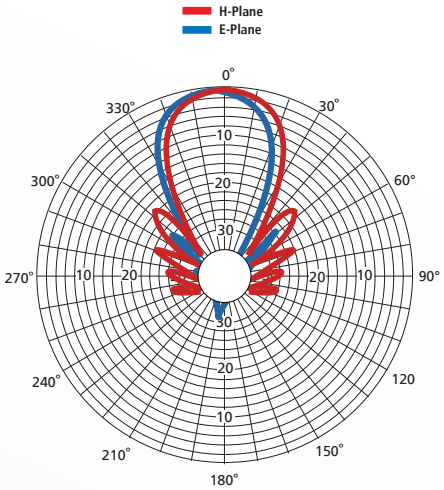
FEATURES

- 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)	30°
H-Plane (3 dB beamwidth)	34°
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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