

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).

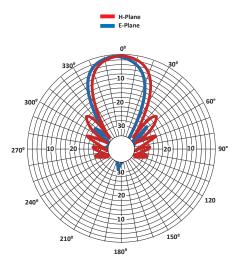
FEATURES

- 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

Americas: +1.847 839.6907 IAS-AmericasEastSales@lairdtech.com

Europe:+44.1628.858941 IAS-EUSales@lairdtech.com Asia: ++86.21.5855.0827.127 IAS-AsiaSales@lairdtech.com

www.lairdtech.com

Any information furnished by Laird Inc. and its agents is believed to be accurate and reliable. All specifications are subject to change without notice. Responsibility for the use and application of Laird materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for identicated are consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trade marks or registered trade marks of Laird marks of Laird are marks of Laird parties. Nothing herein provides a license under any Laird or any third party intellectual property rights.