

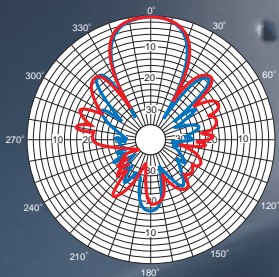
PRODUCT DATA SHEET



2.4 GHz DATA TRANSMISSION YAGI

- UV stable housing
- One piece brass radiating element
- Advanced microwave substrate
- Stainless steel hardware
- UltraLink® Pigtail / Plenum coax

■ H-Plane
■ E-Plane



PC2415NA

PC2415NA



2.4 GHz Articulating Directional Yagi Antenna

The PC2415NA 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 features an articulating mount that allows for both azimuth and elevation adjustment. The articulating mount allows the antenna's radiation pattern to be precisely directed into a desired coverage area or at a corresponding antenna servicing another bridge. The articulating mount is particularly useful when corresponding bridge antennas can not be mounted at the same elevation without involving the use of excessively long coax runs. The antenna comes equipped with 12" of coax and N female connector. The antenna can be installed in either horizontal or vertical polarization and the design incorporates weep holes that are positioned to function regardless of polarization (sealing system provided for unused holes).

SPECIFICATION CHART

| Model: | PC2415NA |
|-----------------------------|-------------------------------------------|
| Frequency: MHz | 2400-2500 |
| Gain: | 13.9 dBi |
| Number Elements: | 15 |
| Front-to-Back Ratio: | NA |
| E-Plane (3 dB beamwidth): | 30° |
| H-Plane (3 dB beamwidth): | 34° |
| Radiating Element: | Brass |
| Impedance (Ohms): | 50 |
| RF Connector: | N (f) |
| Antenna Weight lb. (kg): | 1.25 (.56) |
| Mounting: | Articulating mount |
| Dimensions in (cm): | 26-1/2 x 3-3/4 x 1-1/2 (67.3 x 9.5 x 3.8) |
| Enclosure: | UV Stable Polycarbonate |
| Mast Diameter Max. in (cm): | 2-1/8 (5.4) |
| UltraLink Cable in (cm): | 12" (30.5) |