

### OUR PC YAGIS ARE ALL-WIELDED AND WEATHERPROOFED

Ruggedized mounting, all-welded joints, and complete weatherproofing are standard in Laird's 800 and 900 MHz Yagis. Because construction is critical at these frequencies, Laird engineers utilize special techniques to develop lasting antennas that will last. For example, six, ten, and thirteen element Yagis are mounted with two large stainless steel U-bolts. Elements are welded to a boom in all PC Yagis, but Laird positions the welds on the inside of the boom to enhance electrical performance.

Complete weatherability is ensured by enclosing the feed system in a potted PVC radome that stands up to the most demanding requirements. The pigtail feed withstands a 50 pound pull, making connector weatherproofing effortless. With no moveable components, adjustments or loose parts are not a concern. All hardware is stainless steel for longest life.

### 900 MHz MODELS: SPREAD SPECTRUM AND MORE

The four element PC904N, six element PC906N, and ten element PC8910N and PC9010N models are the right choice for long leaps on WLANs, multipoint systems, and other data transmission applications. Trunking, SCADA, alarm systems and telemetry are just a few of the activities for 896-960 MHz range, PC antennas

### FEATURES

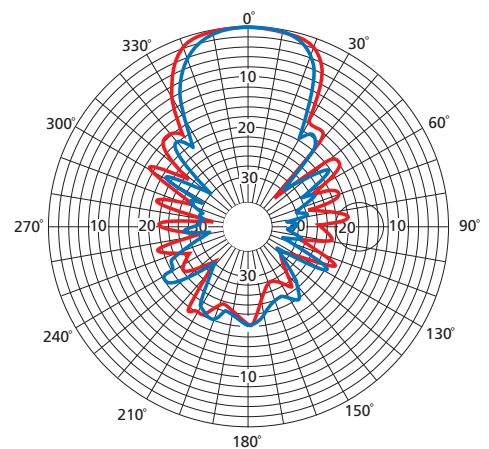
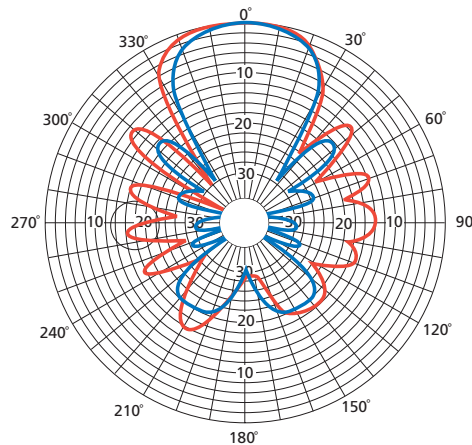
- All-welded unit construction eliminates electrical noise
- No adjustments needed
- Waterproof design
- Stainless steel hardware
- Pigtail mounted N-female connector

| MODEL   | FREQ. MHz | GAIN dBd | NO. ELEM. | F TO B dB | 3dB BWWIDTH E-PLANE/H-PLANE | CONN. TYPE (female) | W/ SURF. AREA ft <sup>2</sup> (m <sup>2</sup> ) | W/ SURV. mph (kph) | W/ 1/2" ICE | LENGTH in (cm) | WEIGHT lb. (kg) |
|---------|-----------|----------|-----------|-----------|-----------------------------|---------------------|---|--------------------|-------------|----------------|-----------------|
| PC9013N | 902-928   | 13       | 13        | 20        | 35°/40°                     | N                   | 0.46 (0.043)                                    | 125 (200)          | 100 (161)   | 53.5 (135.9)   | 3.12 (1.40)     |
| PC9010N | 928-960   | 12       | 10        | 30        | 40°/45°                     | N                   | 0.38 (0.035)                                    | 125 (200)          | 100 (161)   | 41.4 (105.2)   | 2.31 (1.04)     |
| PC926N  | 928-960   | 8.5      | 6         | 18        | 55°/65°                     | N                   | 0.26 (0.024)                                    | 125 (200)          | 100 (161)   | 24.75 (62.9)   | 1.61 (0.72)     |
| PC904N  | 896-980   | 6        | 4         | 15        | 70°/100°                    | N                   | 0.11 (0.01)                                     | 125 (200)          | 100 (161)   | 13 (33)        | 1.12 (0.50)     |
| PC906N  | 896-940   | 8.5      | 6         | 18        | 55°/65°                     | N                   | 0.26 (0.024)                                    | 125 (200)          | 100 (161)   | 24.75          | 1.62 (0.73)     |

TYPICAL 10 ELEMENT

TYPICAL 13 ELEMENT

H-Plane  
 E-Plane



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ANT-DS-900MHZ YAGIS 0915

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