

900 MHz Yagi Spread Spectrum Antenna

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

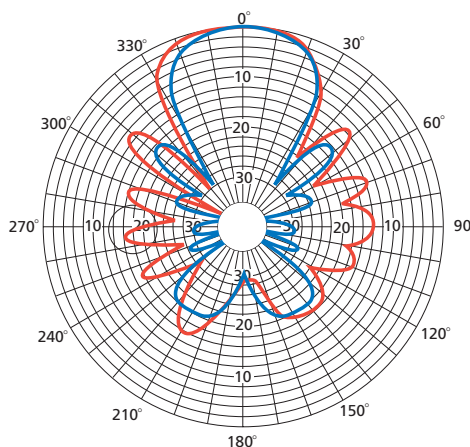
The four element PC904N, six element PC906N, and ten element PC8910N and PC9010N models are the right choice for long leaps on WLANs, multipoint systems, and other data transmission applications. Trunking, SCADA, alarm systems and telemetry are just a few of the activities for 896-960 MHz range, PC antennas

FEATURES

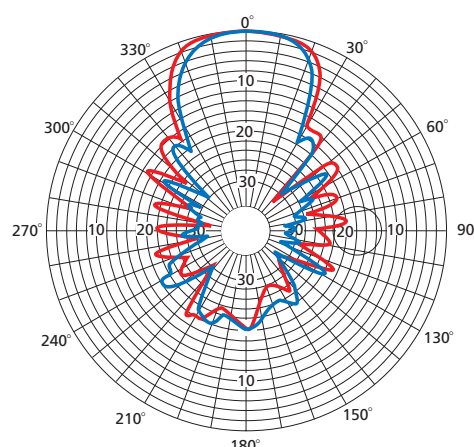
- All-welded unit construction eliminates electrical noise
- No adjustments needed
- Waterproof design
- Stainless steel hardware
- Pigtail mounted N-female connector

MODEL	FREQ. MHz	GAIN dBd	NO. ELEM.	F TO B dB	3dB BWWIDTH E-PLANE/H-PLANE	CONN. TYPE (female)	W/ SURF. AREA ft ² (m ²)	W/ SURV. mph (kph)	W/ ½" 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



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ANT-DS-900MHZ YAGIS 0915

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Handwritten notes on a yellow sticky note:
1.8415
37.67
5.22
1.95
48.81
58.90
48.81
58.90
58.90
58.90

63B / 58803B

in Omni Ant

POWER LINES CAN
BE INSTALLED WHERE
NECESSARY FROM
THEir SUPPORTING
POWER LINES DURING
THEir SYSTEM. THE
SYSTEM INSTALLATION
SHOULD BE COMPLETED
ON A DAILY BASIS.

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58803B

896-940

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125 (200)

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PC906

896-940 MHz

MADE IN CH

Laird

TECHNOLOGIES

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Laird
TECHNOLOGIES[®]

MADE IN:CN

PC906
896-940 MHz

