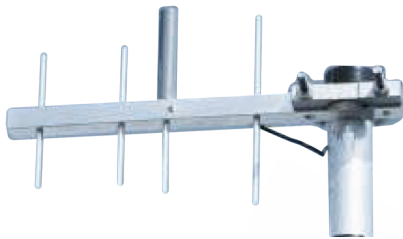


## ESMR, SMR, CELLULAR, GSM, CONVENTIONAL YAGI ANTENNAS

For 800 MHz ESMR and SMR or conventional applications, choose 4 element PC804N, 6 element PC806N, or ten element PC8010N. The Laird Technologies PC804N, PC826N, and PC8210N are also available in the 900 MHz GSM frequency band.



### FEATURES

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

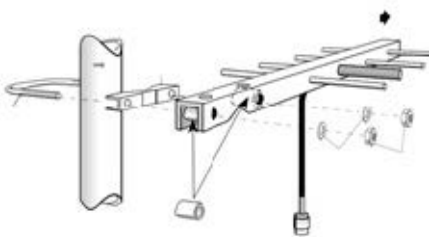
### COMMON SPECIFICATIONS

- Power handling – 200 Watts
- Elements – 1/4 in (.63 cm) 6061T6 aluminum rod;
- Boom – 3/4 in (1.9 cm) 6061T6 aluminum channel
- Mounting style – U-bolt; maximum mast diameter – 2-1/8 in (5.4 cm) pigtail – 19 in (48.3 cm)

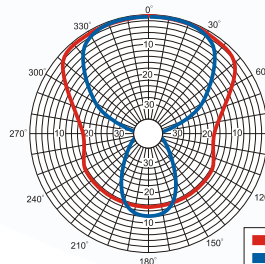
### MARKETS

- WiMAX

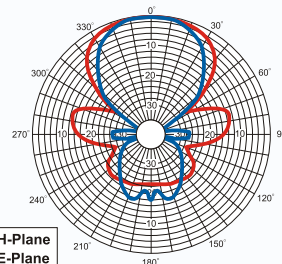
MODEL	FREQ. MHz	GAIN dBd	NO. ELEM	F TO B dB	-3 dB BEAMWIDTH		CONN. TYPE (FEMALE)	W/SURF. AREA ft <sup>2</sup> (m <sup>2</sup> )	W/SURV. mph (kph)	W/ 1/2 in ICE	LENGTH in (cm)	WT. LB. (KG)
					E-PLANE	H-PLANE						
PC9013N	902-928	13	13	20	35°	40°	N	0.46 (0.043)	125 (200)	100 (161)	53-1/2 (135.9)	3.12 (1.40)
PC9010N	928-960	12	10	20	40°	45°	N	0.38 (0.035)	125 (200)	100 (161)	41-7/16 (105.2)	2.31 (1.04)
PC926N	928-960	8.5	6	18	55°	65°	N	0.26 (0.024)	125 (200)	100 (161)	24-3/4 (62.9)	1.61 (.72)
PC904N	896-980	6	4	15	70°	100°	N	0.11 (0.01)	125 (200)	100 (161)	13 (33)	1.12 (.50)
PC906N	896-940	8.5	6	18	55°	65°	N	0.26 (0.024)	125 (200)	100 (161)	24-3/4 (62.9)	1.62 (.73)
PC8910N	896-940	11	10	20	40°	45°	N	0.38 (0.035)	125 (200)	100 (161)	41-7/16 (105.2)	2.31 (1.04)
PC886N	880-960	8.5	6	18	55°	65°	N	0.26 (0.024)	125 (200)	100 (161)	24-3/4 (62.9)	1.69 (.76)
PC884N	880-960	6	4	15	70°	90°	N	0.11 (0.01)	125 (200)	100 (161)	13 (33)	1.12 (.50)
PC8210N	824-896	11	10	20	40°	45°	N	0.38 (0.035)	125 (200)	100 (161)	46 (116.8)	2.37 (1.07)
PC8010N	806-869	11	10	20	40°	45°	N	0.38 (0.035)	125 (200)	100 (161)	46 (116.8)	2.44 (1.10)
PC804N	806-902	6	4	15	70°	90°	N	0.11 (0.01)	125 (200)	100 (161)	13 (33)	1.12 (.50)
PC806N	806-866	8.5	6	18	55°	65°	N	0.26 (0.024)	125 (200)	100 (161)	24-3/4 (62.9)	1.69 (.76)
PC826N	824-896	8.5	6	18	55°	65°	N	0.26 (0.024)	125 (200)	100 (161)	24-3/4 (62.9)	1.67 (.75)



Typical 4 Element



Typical 6 Element



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