



Laird Connectivity presents its robust, all-weather yagi series. Choose from the 4-element PC804N, 6-element PC806N, or 10-element PC8010N. The Laird Connectivity PC804N, PC826N, and PC8210N are also available in the 900 MHz GSM frequency band. These antennas are great for global ISM868 MHz and ISM915 MHz applications as well as for cellular, licensed and unlicensed, public and private 4G/LTE and 5G networks.

FEATURES AND BENEFITS

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

APPLICATIONS

- LoRa/ISM
- Public Safety
- Utilities/Smart Grid
- Smart Cities

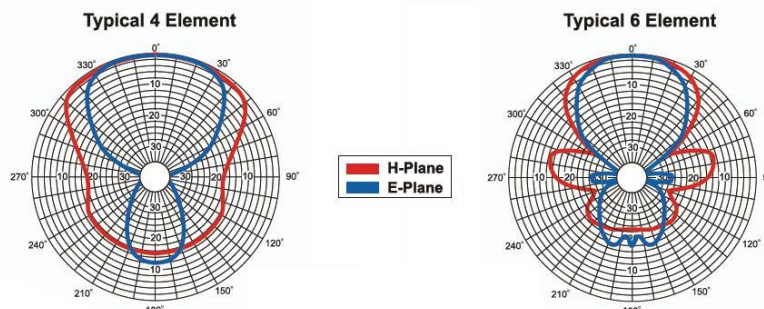
COMMON SPECIFICATIONS

Power Handling (W)	200
Elements	6061T6 aluminum rod: 0.63 cm (1/4 in.)
Boom	6061T6 aluminum channel: 1.9 cm (3/4 in.)
Mounting Style	U-bolt
Mounting Size	Maximum mast diameter: 5.4 cm (2-1/8 in.) Pigtail: 48.3 cm (19.0 in.)
Connectivity Type	N-female
Wind Survival – kph (mph)	200 (125)
Wind Survival – ½" ice – kph (mph)	161 (100)
Gamma Match Type	Internally matched
Element Construction	Welded
Bracket Included	Included

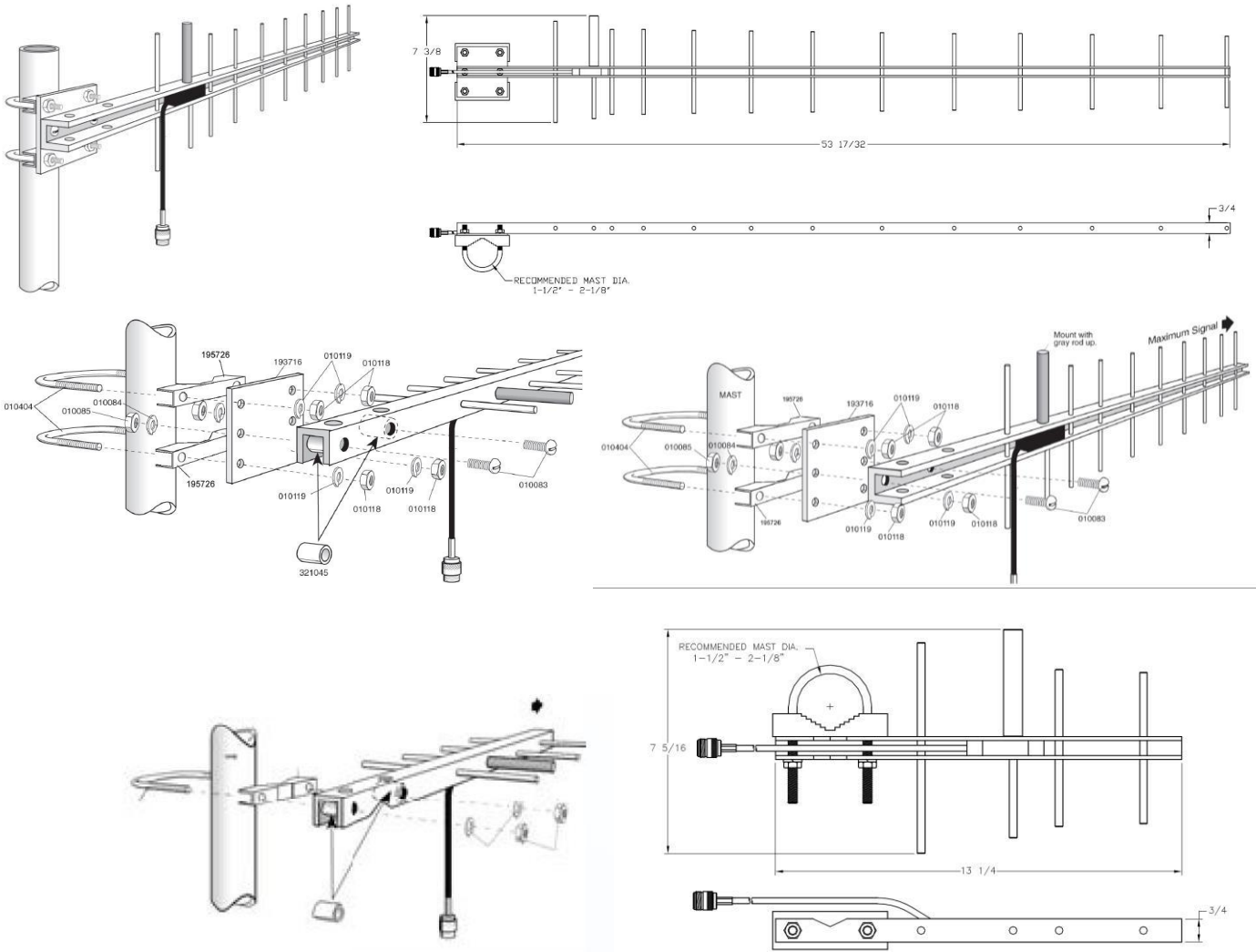
Model	Freq. (MHz)	Gain (dBd)	No. of Elements	Front-to-Back Ratio (dB)	-3 dB Beamwidth		Wind Surface Area m ² (ft ²)	Length cm (in.)	Weight lb. (kg)
					E-Plane	H-Plane			
PC9013N	902-928	13	13	20	35°	40°	0.043 (0.46)	135.9 (53-1/2)	1.40 (3.12)
PC9010N	928-960	12	10	20	40°	45°	0.035 (0.38)	105.2 (41-7/16)	1.04 (2.31)
PC926N	928-960	8.5	6	18	55°	65°	0.024 (0.26)	62.9 (24-3/4)	0.72 (1.61)
PC904N(B) ¹	896-980	6	4	15	70°	100°	0.01 (0.11)	33 (13)	0.50 (1.12)
PC906N(B) ¹	896-940	8.5	6	18	55°	65°	0.024 (0.26)	62.9 (24-3/4)	0.73 (1.62)
PC8910N	896-940	11	10	20	40°	45°	0.035 (0.38)	105.2 (41-7/16)	1.04 (2.31)
PC886N	880-960	8.5	6	18	55°	65°	0.024 (0.26)	62.9 (24-3/4)	0.76 (1.69)
PC884N	880-960	6	4	15	70°	90°	0.01 (0.11)	33 (13)	0.50 (1.12)
PC8210N	824-896	11	10	20	40°	45°	0.035 (0.38)	116.8 (46)	1.07 (2.37)
PC8010N	806-869	11	10	20	40°	45°	0.035 (0.38)	116.8 (46)	1.10 (2.44)
PC804N	806-902	6	4	15	70°	90°	0.01 (0.11)	33 (13)	0.50 (1.12)
PC804SMM96 ²	806-902	6	4	15	70°	90°	0.01 (0.11)	33 (13)	0.50 (1.12)
PC806N	806-866	8.5	6	18	55°	65°	0.024 (0.26)	62.9 (24-3/4)	0.76 (1.69)
PC826N	824-896	8.5	6	18	55°	65°	0.024 (0.26)	62.9 (24-3/4)	0.75 (1.67)

Note 1: Bulk packs of 12 antennas are available for purchase and identified by (B) after the part number i.e. PC904NB
Note 2: PC804SMM96 includes 96" coax cable with SMA Male connector installed.

RADIATION PATTERNS



MECHANICAL DRAWINGS



✓RoHS

Laird Connectivity warrants to the original end user customer of its products that its products are free from defects in material and workmanship. Subject to conditions and limitations Laird Connectivity will, at its option, either repair or replace any part of its products that prove defective because of improper workmanship or materials. This limited warranty is in force for the useful lifetime of the original end product into which the Laird Connectivity product is installed. Useful lifetime of the original end product may vary but is not to exceed five (5) years from the original date of the end product purchase.

Any information furnished by Laird Connectivity 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 Connectivity materials rests with the end user, since Laird Connectivity and its agents cannot be aware of all potential uses. Laird Connectivity makes no warranties as to the fitness, merchantability or suitability of any Laird Connectivity materials or products for any specific or general uses. Laird Connectivity shall not be liable for incidental or consequential damages of any kind. All Laird Connectivity products are sold pursuant to the Laird Connectivity Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request.

© Copyright 2021 Laird Connectivity All Rights Reserved. Laird Connectivity, the Laird Connectivity logo, and other marks are trademarks or registered trademarks of Laird Connectivity or an affiliate company thereof. Other product or service names may be the property of third parties. Nothing herein provides a license under any Laird Connectivity or any third-party intellectual property rights.

sales@lairdconnect.com
support@lairdconnect.com
www.lairdconnect.com

