

## PLC SERIES UHF YAGI ANTENNAS

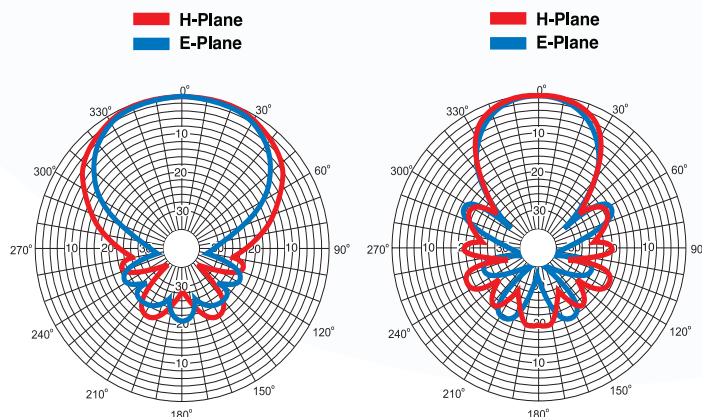
Our PLC series heavy-duty Yagis are factory assembled and adjusted for easy installation. They feature heavy-wall tubing elements and large rugged machined aluminum blocks for the boom-to-element junctions. Six and ten element models are available.

### FEATURES

- Factory assembled
- Heavy-duty construction
- Stackable
- Stainless steel hardware
- Broadband

| MODEL    | Frequency (MHz) | Gain (dBd) | Number Element | Front-to-back (dB) | -3dB Beamwidth E-Plane° | -3dB Beamwidth H-Plane° | Connection Type | W/ Surface Area ft² (m²) | Wind Survival mph (kph) | W/ 1/2" Ice | Length in (cm) | Weight lb (kg) |
|----------|-----------------|------------|----------------|--------------------|-------------------------|-------------------------|-----------------|--------------------------|-------------------------|-------------|----------------|----------------|
| PLC336   | 300-410*        | 7.5        | 6              | 25                 | 53                      | 74                      | UHF             | NA**                     | NA**                    | NA**        | NA**           | NA**           |
| PLC3310  | 300-410*        | 11.5       | 10             | 25                 | 37                      | 42                      | UHF             | NA**                     | NA**                    | NA**        | NA**           | NA**           |
| PLC366N  | 300-410*        | 7.5        | 6              | 25                 | 53                      | 74                      | N               | NA**                     | NA**                    | NA**        | NA**           | NA**           |
| PLC3310N | 300-410         | 11.5       | 10             | 25                 | 37                      | 42                      | N               | NA**                     | NA**                    | NA**        | NA**           | NA**           |
| PLC406   | 406-420         | 7.5        | 6              | 25                 | 53                      | 74                      | UHF             | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC406N  | 406-420         | 7.5        | 6              | 25                 | 53                      | 74                      | N               | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC456   | 450-470         | 7.5        | 6              | 25                 | 53                      | 74                      | UHF             | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC456N  | 450-470         | 7.5        | 6              | 25                 | 53                      | 74                      | N               | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC476   | 470-490         | 7.5        | 6              | 25                 | 53                      | 74                      | UHF             | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC476N  | 470-490         | 7.5        | 6              | 25                 | 53                      | 74                      | N               | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC496   | 490-512         | 7.5        | 6              | 25                 | 53                      | 74                      | UHF             | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC496N  | 490-512         | 7.5        | 6              | 25                 | 53                      | 74                      | N               | 0.41 (0.038)             | 125 (200)               | 100 (161)   | 31..25 (79.4)  | 3.7 (1.7)      |
| PLC4010  | 406-420         | 11.5       | 10             | 25                 | 37                      | 42                      | UHF             | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4010N | 406-420         | 11.5       | 10             | 25                 | 37                      | 42                      | N               | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4510  | 450-470         | 11.5       | 10             | 25                 | 37                      | 42                      | UHF             | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4510N | 450-470         | 11.5       | 10             | 25                 | 37                      | 42                      | N               | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4710  | 470-490         | 11.5       | 10             | 25                 | 37                      | 42                      | UHF             | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4710N | 470-490         | 11.5       | 10             | 25                 | 37                      | 42                      | N               | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4910  | 490-512         | 11.5       | 10             | 25                 | 37                      | 42                      | UHF             | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |
| PLC4910N | 490-512         | 11.5       | 10             | 25                 | 37                      | 42                      | N               | 0.68 (0.063)             | 125 (200)               | 85 (137)    | 66 (167)       | 5.25 (2.38)    |

Common specifications: Power handling-250 Watts; Element material-1/2 in. (1.3 cm) 6063-T832 Aluminum; Boom material-1-1/8 in. (2.9 cm) 6063-T832 Aluminum. All PLC models can mount to 2-1/8 in. (5.4 cm) diameter pipe with U-bolts and plates supplied. \*Specify frequency in band. \*\* Contact factory



ANT-DS-PLC-UHF 1015

Any information furnished by Laird Inc. 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 materials rests with the end user, since Laird and its agents cannot be aware of all potential uses. Laird makes no warranties as to the fitness, merchantability or suitability of any Laird materials or products for any specific or general uses. Laird shall not be liable for incidental or consequential damages of any kind. All Laird products are sold pursuant to the Laird Terms and Conditions of sale in effect from time to time, a copy of which will be furnished upon request. © Copyright 2015 Laird Inc. All Rights Reserved. Laird, Laird Technologies, the Laird Logo, and other marks are trademarks or registered trademarks of Laird Inc. 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 or any third party intellectual property rights.

Americas: +1.847.839.6907  
IAS-AmericasEastSales@lairdtech.com

Europe: +44.1628.858941  
IAS-EUSales@lairdtech.com

Asia: +86.21.5855.0827.127  
IAS-AsiaSales@lairdtech.com

[www.lairdtech.com](http://www.lairdtech.com)