

PLC SERIES UHF YAGI ANTENNAS

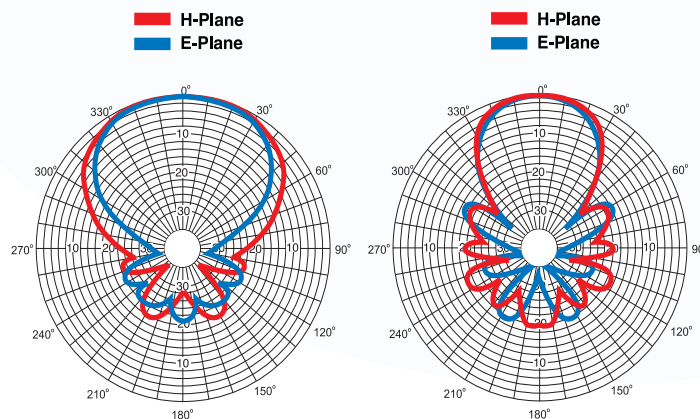
Our PLC series heavy-duty Yagis are factory assembled and adjusted for easy installation. They feature heavy-wall tubing elements and large rugged machined aluminum blocks for the boom-to-element junctions. Six and ten element models are available.

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

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