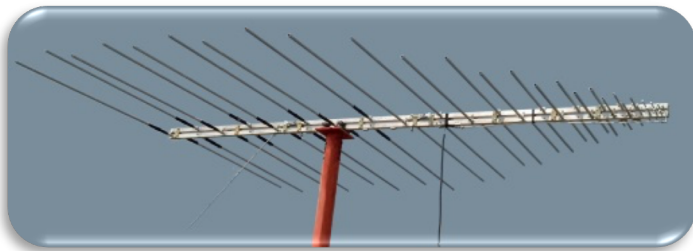


100-1000 MHz LOG PERIODIC ANTENNA

- Transportable
- Broadband
- Vertical or Horizontal Polarization

Model : TLP-100.1

Part Number: TBD



Representative photo, not actual product

The TLP-100.1 is a transportable log periodic antenna that covers the 100-1000 MHz frequency range and is designed for transmit and receive purposes. The antenna uses a 3 piece boom for quick assembly and disassembly in the field, with minimal or no tools and can be used in the vertical or horizontal mode. The antennas longest elements are removable and clamp onto an element adapter making it easier to transport; each element and element position is numbered to insure it is installed in its proper position.

The TLP-100 is constructed of high quality aluminum with all stainless steel hardware resulting in a lightweight and high strength antenna ideally suited for fixed or transportable systems.

ELECTRICAL SPECIFICATIONS

| SPECS | PERFORMANCE |
|---------------------------|--------------------------------|
| Frequency Range | 100-1000 MHz |
| VSWR | 2.0:1 (typical) (50 Ω) |
| Gain | 6.5 dBi typical |
| Polarization | Linear |
| Vertical -3dB Beamwidth | 40° - 90° |
| Horizontal -3dB Beamwidth | 70° - 140° |
| Power Input | 1000 Watts |
| Front to Back | 25 dB typical |

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

| SPECS | PERFORMANCE |
|-------------------------|------------------------|
| Connector | 7/8" EIA flange |
| Mounting | Vertical or Horizontal |
| Color | Gray or custom |
| Boom Length | 84" (2134 mm) |
| Shortest Element Length | 1.73" (43.94 mm) |
| Longest Element Length | 32.75" (1962.15 mm) |
| Weight | TBD |
| Temperature | -40°C to +80°C |
| Wind Survival | 120 MPH (193.12 km) |
| Lightning Protection | Direct Ground |



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Pursuant to APC's policy of continuous product improvement, specifications are subject to change without notice or obligation.

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