

HLP-2601 Hybrid Log Periodic Antenna

Product Overview

Ultra Wide Range The TDK HLP-2601 Hybrid Log Periodic antenna provides unequalled performance over the operating frequency range of 26 MHz to 1 GHz. The HLP-2601's high power handling capability (3500W) makes it the best choice for EMC immunity and emissions tests requiring very intense field strengths.

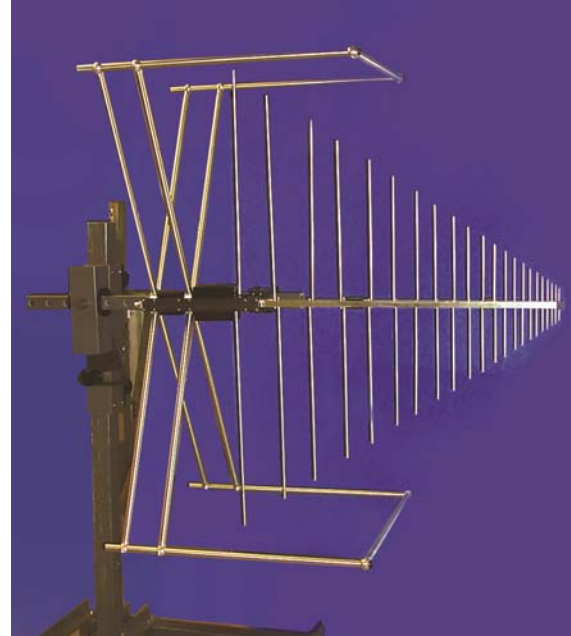
Dual Mode Use Inherent in the design of the HLP-2601 is its dual-mode use: radiated immunity and radiated emissions testing. While the HLP-2601 is designed primarily for immunity measurements, it features excellent balance, pattern, and cross polarization, making it very well suited for emissions measurements. Additionally, the HLP-2601's wide frequency range make it an ideal replacement for at least two antennas.

Features

- High gain
- Low VSWR
- High capacity power input
- Quality construction
- Provides significantly improved performance over competing designs

Applications

- Emission and Immunity testing



The TDK HLP-2601 Hybrid LPD antenna offers unequalled performance over the wide frequency range of 26 MHz to 1 GHz, dual-mode capabilities, and an efficient design.

Options

- **Manual Vertical Mast MVM-200R**
The TDK MVM-200R antenna mast provides manual control of the height, tilt, and polarization. The MVM-200R adjusts from 1 m to 1.5 m in height and supports antennas up to 18 kg.

HLP-2601 Hybrid Log Periodic Antenna

Electrical Specifications

| | |
|---------------------|---------------------|
| Frequency Range: | 26 MHz to 1 GHz |
| Gain: | 6 to 8 dBi typical |
| VSWR: | 2:1 average |
| Polarization: | Linear |
| Power Handling | 3500W CW continuous |
| Feedpoint Impedance | 50 ohms (nominal) |

Mechanical Specifications

| | |
|---------------|---|
| Size: | 1.5 m x 1.4 m x 0.74 m (60" W x 55" D x 29" H) |
| Weight: | < 8.5 kg |
| Construction: | Aluminum with gold chromate finish |
| RF Connector: | N type female |

Environmental Specifications

| | |
|-----------------------------|--------------------------|
| Ambient Temperature Limits: | |
| Operating: | 0° to +40° C |
| Storage: | -10° to +50° C |
| Humidity: | Up to 95% non-condensing |

Ordering Information

| | |
|---------------|-----------------------------|
| Product: | Hybrid Periodic Log Antenna |
| Model Number: | HLP-2601 |
| Warranty: | 1 year limited |

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

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