

HLP-2601 Hybrid Log Periodic Antenna

Product Overview

Ultra Wide Range The TDK RF Solutions HLP-2601 Hybrid Log Periodic antenna provides unequal 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.

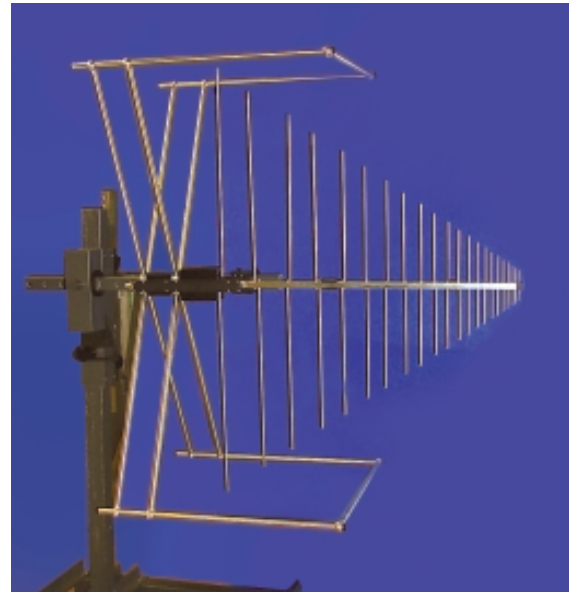
Dual Mode Use Inherent in the design of the HLP-2601 is its dual-mode use: radiated immunity and radiated emissions testing. While the HLP2601 is designed primarily for immunity measurements, it features excellent balance, pattern, and cross polarization, making it very well suited for emissions measurements. 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
- Individually calibrated according to ANSI C63.5 with signed certificate of calibration

Applications

- Emission and Immunity testing



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

Options

- **Short Vertical Mast SVM-01**
TDK RF Solutions' SVM-01 antenna mast provides manual control of the height, tilt, and polarization. The SVM-01 extends from 97.5 cm to 172 cm and supports antennas up to 18 kg.

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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 RF Solutions products that best meet your needs, contact your TDK sales representative:

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