

# 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.

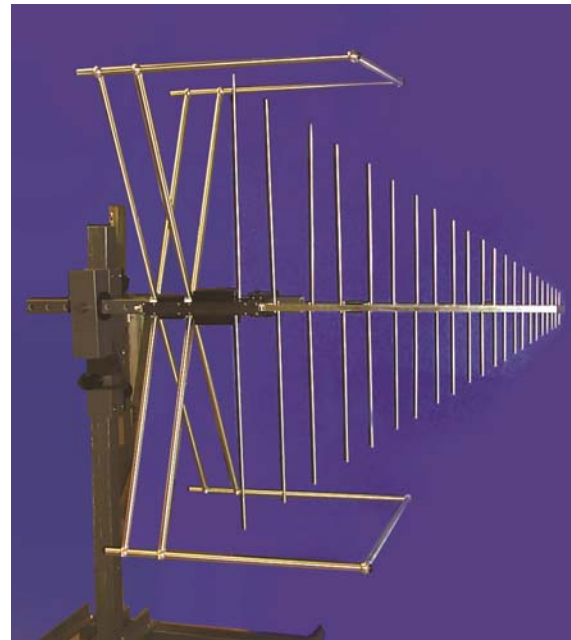
**Dual Mode Use** Inherent in the design of the HLP-2601 is its dual-mode use: radiated immunity and radiated emissions testing. While the HLP-2601 is designed primarily for immunity measurements, it features excellent balance, pattern, and cross polarization, making it very well suited for emissions 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:**

### TDK RF Solutions Inc.

1101 Cypress Creek Rd.  
Cedar Park, Texas 78613 USA  
Phone: 1-512-258-9478  
Fax: 1-512-258-0740  
E-mail: [info@tdkrf.com](mailto:info@tdkrf.com)  
World Wide Web: [www.tdkrfsolutions.com](http://www.tdkrfsolutions.com)

TOTAL RF EXPERTISE™



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

To learn more about TDK's wide range of innovative test products, solutions and services visit [www.tdkrfsolutions.com](http://www.tdkrfsolutions.com)

Copyright © TDK RF Solutions Inc. All rights reserved. Specifications subject to change without notice.

Rev. 2011-09-13