

# HLP-2603 Hybrid Log Periodic Antenna

## Product Overview

**Ultra Wide Range** The TDK HLP-2603 Hybrid Log Periodic antenna offers unequalled performance over the ultra wide frequency range of 26 MHz to 3 GHz for EMC immunity measurements. Significant time savings can be realized while testing to the various European, North American, and Asian standards because you are able to test continuously across the frequency range of interest. The HLP-2603 is designed for testing at 10 V/m with 80% AM modulation with minimum amplifier requirements.

## Features

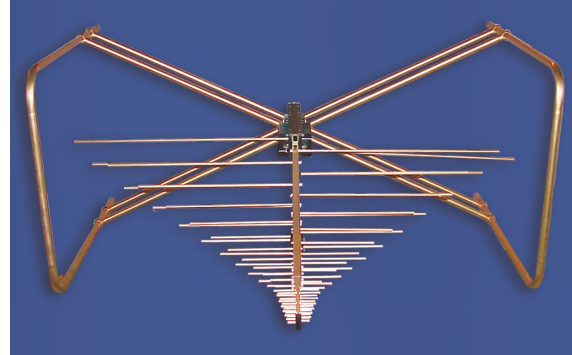
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- High gain
- Low VSWR
- Ultra broadband
- High capacity power input
- Quality construction
- Provides significantly improved performance over competing designs

## Applications

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- Radiated immunity testing



**The TDK HLP-2603 Hybrid LPD antenna offers unequalled performance over the ultra wide frequency range of 26 MHz to 3 GHz.**

## Options

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- **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-2603 Hybrid Log Periodic Antenna

## Electrical Specifications

|                     |                    |
|---------------------|--------------------|
| Frequency Range:    | 26 MHz to 3 GHz    |
| Gain:               | 6 to 8 dBi typical |
| VSWR:               | <2:1 average       |
| Polarization:       | Linear             |
| Power Handling      | 1.0 kW maximum     |
| Feedpoint Impedance | 50 ohms (nominal)  |

## Mechanical Specifications

|               |   |
|---------------|---|
| Size:         | 1.5 m x 1.5 m x 0.74 m<br>(60" W x 60" D x 29" H) |
| Weight:       | < 8.5 kg  |
| Construction: | Aluminum with gold chromate finish                |
| RF Connector: | 7/16 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-2603                    |
| 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)

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