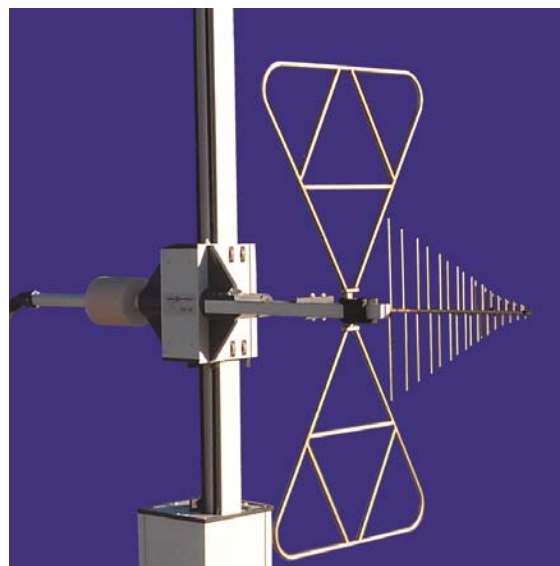


HLP-3003C Hybrid Log Periodic Antenna

Product Overview

Ultra Wide Range The TDK HLP-3003C Hybrid Log Periodic Antenna is an extended frequency broadband antenna intended for measurements in an anechoic chamber, open area test site, or *in situ*. Its 30 MHz to 3 GHz range makes it especially suited for wideband testing of radiated emissions from electrical and electronic equipment. This new design offers unequalled performance over this range for an antenna of this form factor.

High Performance/Compact Size The HLP-3003C uses a unique low frequency hybrid element to extend the low frequency performance while maintaining a compact size. The low frequency elements of the antenna are removable for convenient storage. The HLP-3003C fits easily into an optional carrying case for portability between test sites. The antenna can be mounted on a conventional tripod or antenna tower.



The TDK HLP-3003C Hybrid Log Periodic antenna offers unequalled performance over the ultra wide frequency range of 30 MHz to 3 GHz and an efficient, compact design.

Features

- Efficient design especially suited for compact chambers
- Shortest antenna length available for the operating frequency range
- Unique low frequency hybrid element extends performance
- Moderate power handling capability
- Individually calibrated according to ANSI C63.5, with signed certificate of calibration

Applications

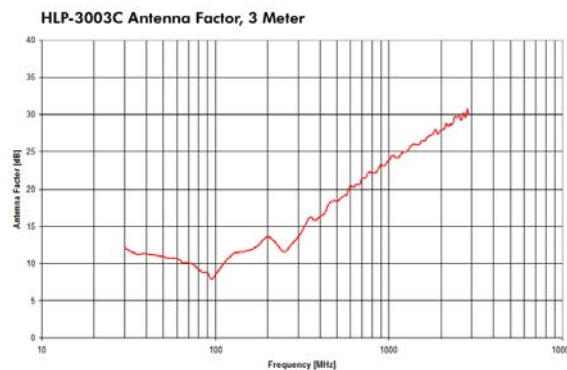
- Immunity and Emissions testing
- Anechoic chamber, OATS, *in situ* testing

Options

- MVM-200R Manual Vertical Mast
- TRI-150R Tripod
- AM-PIVOT-HLP Pivot mount for use on tripod
- HLP-CC Carrying Case

HLP-3003C Hybrid Log Periodic Antenna

Antenna Data



Mechanical Specifications

Overall Dimensions:

Width:	156 cm (61.5 in.)
Depth:	71 cm (28 in.)
Height:	69 cm (27 in.)
Weight:	3.6 kg (8 lbs.)
Construction:	Aluminum with gold chromate finish
RF Connector:	Type N female

Electrical Characteristics

Frequency Range:	30 MHz to 3 GHz
Gain:	6 dBi typical
VSWR:	2:1 average
Polarization:	Linear
Power Handling:	100 W
Input Impedance:	50 ohms nominal

Ordering Information

Product:	Hybrid Periodic Log Antenna
Model Number:	HLP-3003C
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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Rev. 2011-08-02