

# LPDA Antenna for Tektronix EMC pre-compliance

## EMI-CLP-ANT (Com-Power ALC-100 offered by Tektronix)



The Tektronix EMI-CLP-ANT is the Com-Power ALC-100. It is a compact log period antenna for EMC testing. This antenna is lightweight and compact for easy transport and storage with a frequency range of 300 MHz to 1 GHz. It is ideal for off-site EMC testing or testing inside small EMC chambers.

### **Key features**

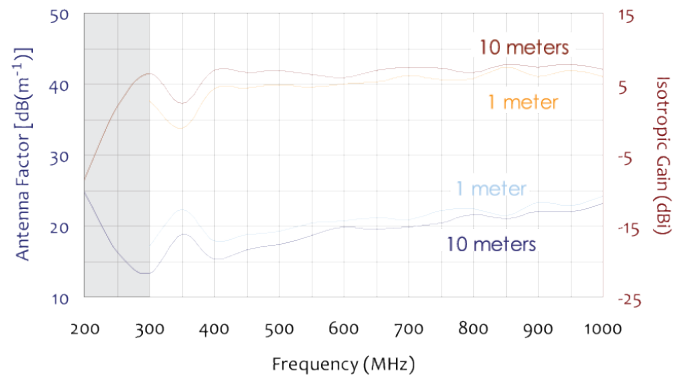
- Frequency range: 300 MHz – 1 GHz (usable from 200 MHz)
- Transmit and receive capabilities for emissions/immunity applications
- Individual calibration included per ANSI C63.5 with NIST traceability

# Specifications

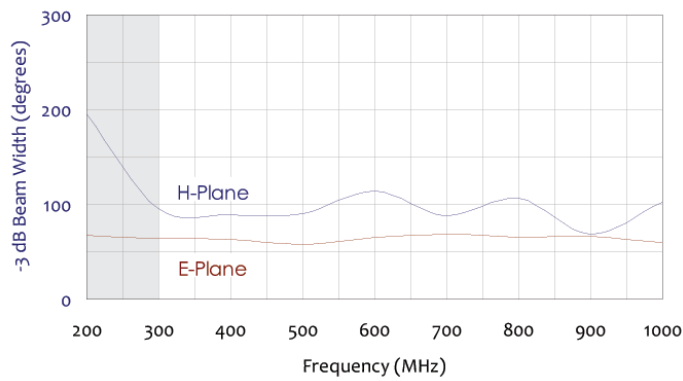
## Antenna

<b>Antenna type</b>	Compact log-periodic dipole array
<b>Frequency range</b>	300 MHz – 1 GHz (useable from 200 MHz)
<b>Nominal input impedance</b>	50 Ω
<b>Polarization</b>	Linear
<b>Power handling</b>	50 Watts continuous
<b>Connector</b>	N-type (female)
<b>Specifications</b>	FCC, CISPR, EN, ETSI, FAA, Mil-Std, Automotive
<b>Dimensions</b>	64.8 mm x 54.6 mm x 13 mm
<b>Weight</b>	0.9 kg

### Antenna factor and isotropic gain



### Beam width



## Ordering information

### EMI-CLP-ANT and related accessories

Item	Description
EMI-CLP-ANT	300 MHz to 1 GHz compact log periodic antenna
EMI-TRIPOD	Antenna Tripod, Wood-Nylon, 0.8 to 1.5 meter adjustable height

### Warranty

Three year warranty. All service provided by Com-Power Corporation. Contact <https://www.com-power.com/index.html> for service.

**ASEAN / Australasia** (65) 6356 3900  
**Belgium** 00800 2255 4835\*  
**Central East Europe and the Baltics** +41 52 675 3777  
**Finland** +41 52 675 3777  
**Hong Kong** 400 820 5835  
**Japan** 81 (3) 6714 3086  
**Middle East, Asia, and North Africa** +41 52 675 3777  
**People's Republic of China** 400 820 5835  
**Republic of Korea** +822 6917 5084, 822 6917 5080  
**Spain** 00800 2255 4835\*  
**Taiwan** 886 (2) 2656 6688

**Austria** 00800 2255 4835\*  
**Brazil** +55 (11) 3759 7627  
**Central Europe & Greece** +41 52 675 3777  
**France** 00800 2255 4835\*  
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**Luxembourg** +41 52 675 3777  
**The Netherlands** 00800 2255 4835\*  
**Poland** +41 52 675 3777  
**Russia & CIS** +7 (495) 6647564  
**Sweden** 00800 2255 4835\*  
**United Kingdom & Ireland** 00800 2255 4835\*

**Balkans, Israel, South Africa and other ISE Countries** +41 52 675 3777  
**Canada** 1 800 833 9200  
**Denmark** +45 80 88 1401  
**Germany** 00800 2255 4835\*  
**Italy** 00800 2255 4835\*  
**Mexico, Central/South America & Caribbean** 52 (55) 56 04 50 90  
**Norway** 800 16098  
**Portugal** 80 08 12370  
**South Africa** +41 52 675 3777  
**Switzerland** 00800 2255 4835\*  
**USA** 1 800 833 9200

\* European toll-free number. If not accessible, call: +41 52 675 3777

**For Further Information.** Tektronix maintains a comprehensive, constantly expanding collection of application notes, technical briefs and other resources to help engineers working on the cutting edge of technology. Please visit [www.tek.com](http://www.tek.com).

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Nortelco Electronics AS  
Johan Scharffenbergs vei 95, 0694 Oslo, Norway  
elektronikk@nortelco.no – [www.nortelco.no](http://www.nortelco.no)