

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

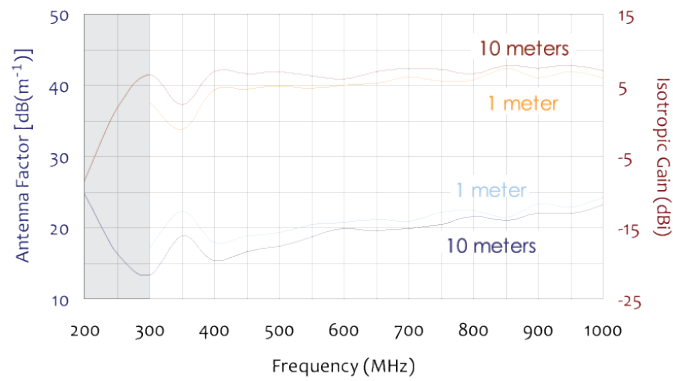
- Frequency range: 300 MHz – 1 GHz (usable from 200 MHz)
- Transmit and receive capabilities for emissions/immunity applications
- Individual calibration included per ANSI C63.5 with NIST traceability

Specifications

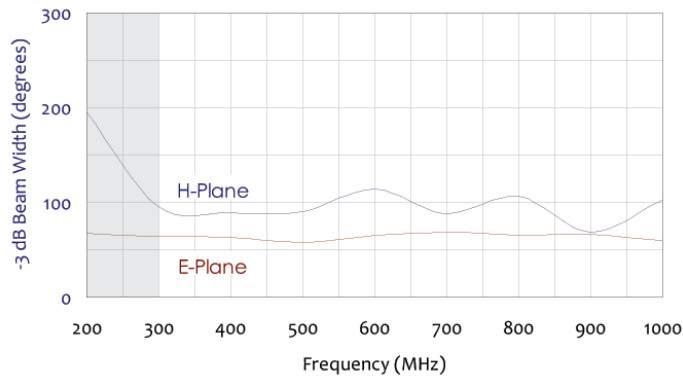
Antenna

Antenna type	Compact log-periodic dipole array
Frequency range	300 MHz – 1 GHz (useable from 200 MHz)
Nominal input impedance	50 Ω
Polarization	Linear
Power handling	Low noise, 8-18 dB gain, switched in/out
Power supply	50 Watts continuous
Connector	N-type (female)
Specifications	FCC, CISPR, EN, ETSI, FAA, Mil-Std, Automotive
Dimensions	64.8 mm x 54.6 mm x 13 mm
Weight	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*
India 000 800 650 1835
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.

Copyright © Tektronix, Inc. All rights reserved. Tektronix products are covered by U.S. and foreign patents, issued and pending. Information in this publication supersedes that in all previously published material. Specification and price change privileges reserved. TEKTRONIX and TEK are registered trademarks of Tektronix, Inc. All other trade names referenced are the service marks, trademarks, or registered trademarks of their respective companies.



08 Feb 2018 37W-61342-0

