

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

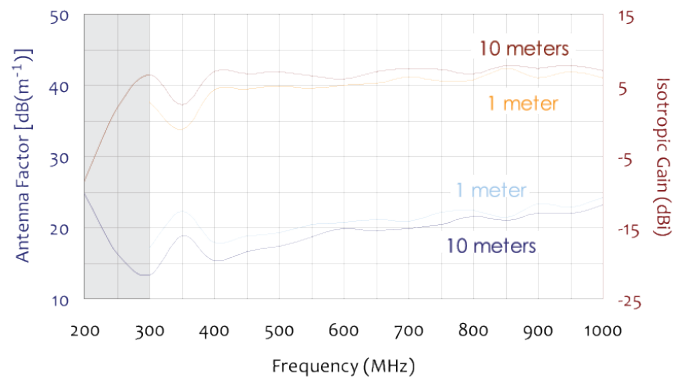
- Frequency range: 300 MHz – 1 GHz (usable from 200 MHz)
- Transmit and receive capabilities for emissions/immunity applications
- Individual calibration included per ANSI C63.5 with NIST traceability

Specifications

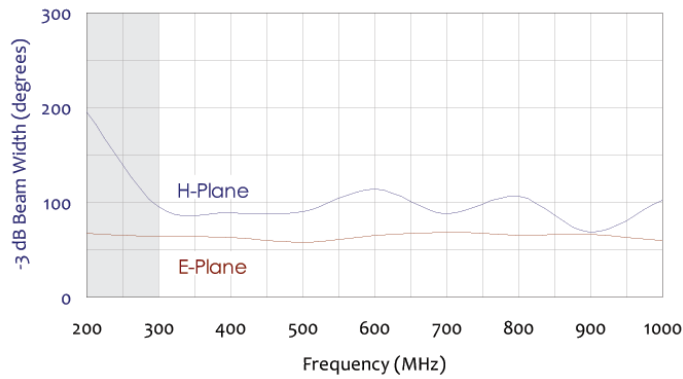
Antenna

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.

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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.

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