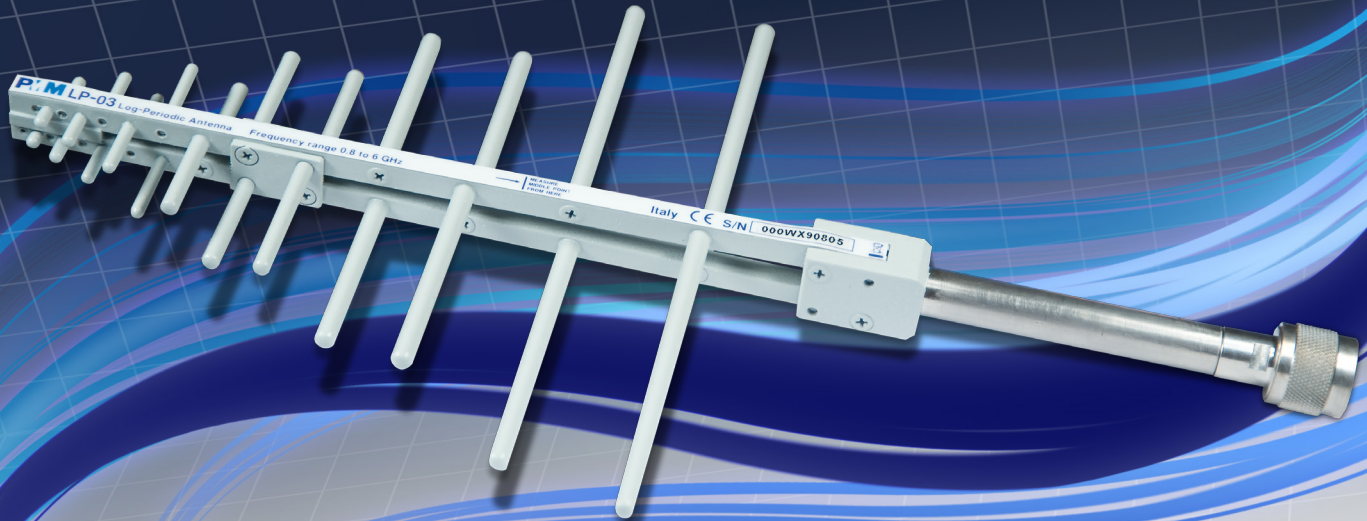


LP-03

Log-periodic antenna 800 MHz to 6 GHz



Main Features

- 800 MHz to 6 GHz frequency range
- Excellent Antenna Factor
- Tripod adapter for easy vertical-horizontal polarization change
- Individual calibration
- Robust, rustproof aluminium construction
- Lightweight

LP-03 is a log-periodic antenna designed for radiated emissions and immunity application.

It can be used in conjunction with any receiver or spectrum analyzer.

Its ideal companion is the EMI Receiver Unit 9060 that can be easily mounted on the antenna mast (*).

(*)The direct connection between antenna and PMM Receiver Unit eliminates additional sources of uncertainties due to coaxial cable attenuation and scattering. For further information please consult our brochure "Fully CISPR-Compliant Digital EMC/EMI receivers 10 Hz to 18 GHz".

LP-03

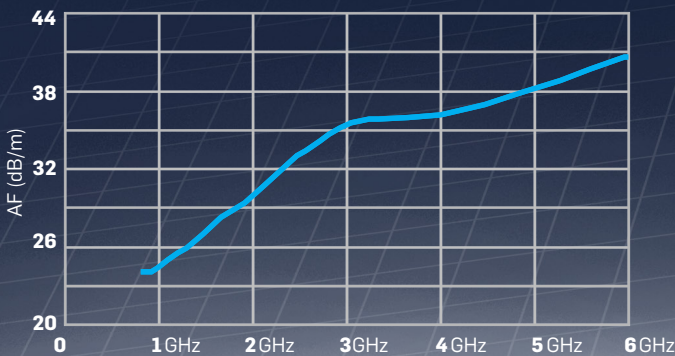
Log-periodic antenna 800 MHz to 6 GHz

SPECIFICATIONS

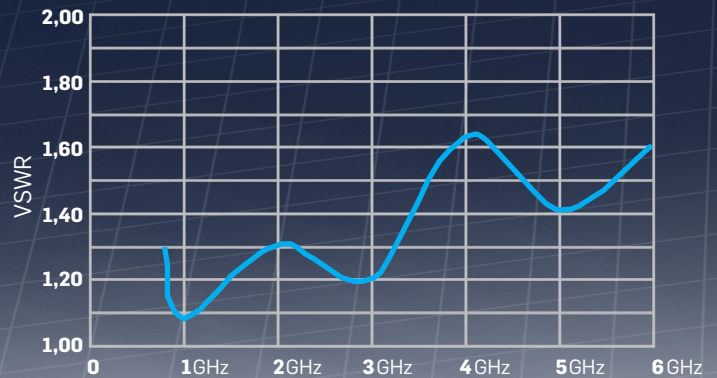
Frequency range	800 MHz to 6 GHz
Impedance	50 Ω nominal
Gain	3,5 to 6,5 dBi typical
Antenna factor	23 to 42 dB/m typical
VSWR	< 1,7 typical
Construction	Aluminium
Max input power	75 W
Connector	Type N-male (LP-03) Type N-female (LP-03/F)
Dimensions (L x H x W)	32,5 x 8,1 x 18,7 cm
Weight	0,25 Kg
Colour	RAL 7035



LP-03 and tripod



LP-03 - Antenna Factor



LP-03 - VSWR

Ordering Information:

Log-periodic Antenna LP-03 N-male, with individual calibration report
Log-periodic Antenna LP-03/F N-female, with individual calibration report
Log-periodic Antenna LP-03TC N-male, with typical calibration report
Log-periodic Antenna LP-03/FTC N-female, with typical calibration report
Includes: Operating Manual, Soft Carrying Case, Mounting support , Calibration Repor

Optional accessories:

TR-01 Wooden tripod extensible 60 - 180 cm with antenna mounting adapter for fast horizontal to vertical polaritazion changing

Related Products

Receivers

- 7010/00: EMI receiver 150 kHz to 1 GHz
- 7010/01: EMI receiver 9 kHz to 1 GHz
- 7010/03: EMI receiver 9 kHz to 3 GHz
- 9010: EMI receiver 10 Hz to 30 MHz
- 9010F: EMI receiver 10 Hz to 30 MHz
- 9010/03P: EMI receiver 10 Hz to 300 MHz
- 9010/30P: EMI receiver 10 Hz to 3 GHz
- 9010/60P: EMI receiver 10 Hz to 6 GHz
- 9030: EMI Receiver 30 MHz to 3 GHz
- 9060: EMI Receiver 30 MHz to 6 GHz

Antennas

- BC-01: Biconical Antenna 30 to 200 MHz
- DR-01: Double-ridged horn antenna 6 to 18 GHz
- LP-02: Log Periodic Antenna 200 MHz to 3 GHz
- TR-01: Antenna Tripod
- VDH-01: Van der Hoofden test-head 20 kHz to 10 MHz
- Antenna Set AS-02 (BC01+LP02+TR01)
- Antenna Set AS-03 (BC01+LP02+LP03+TR01)
- RA01: Rod Antenna 9 kHz to 30 MHz
- RA01-HV: Rod Antenna 150 kHz to 30 MHz
- RA01-MIL: Rod Antenna 9 kHz to 30 MHz

Calibrations service

- Ansi 63,5 Antenna Factor
- SAE ARP 958-D
- Free-Space Antenna Factor