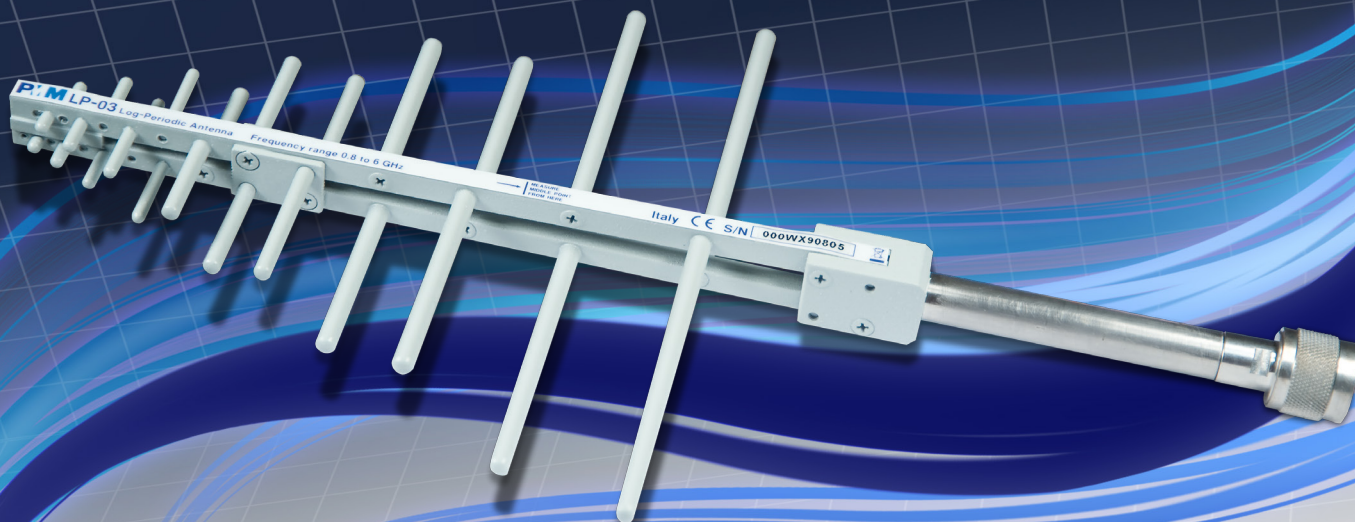


# LP-03

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

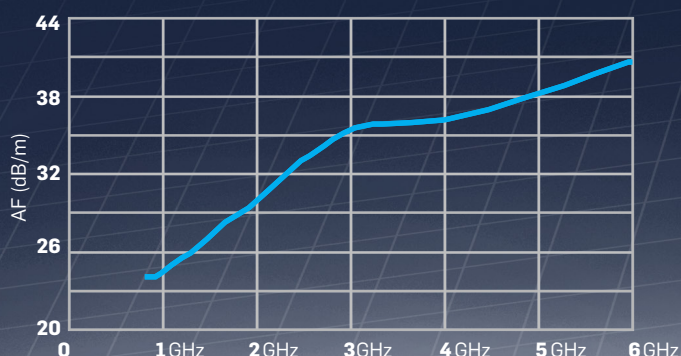
## Log-periodic antenna 800 MHz to 6 GHz

### SPECIFICATIONS

Frequency range	800 MHz to 6 GHz
Impedance	50 $\Omega$ 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 LxHxW	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 Report

### 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
- 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



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