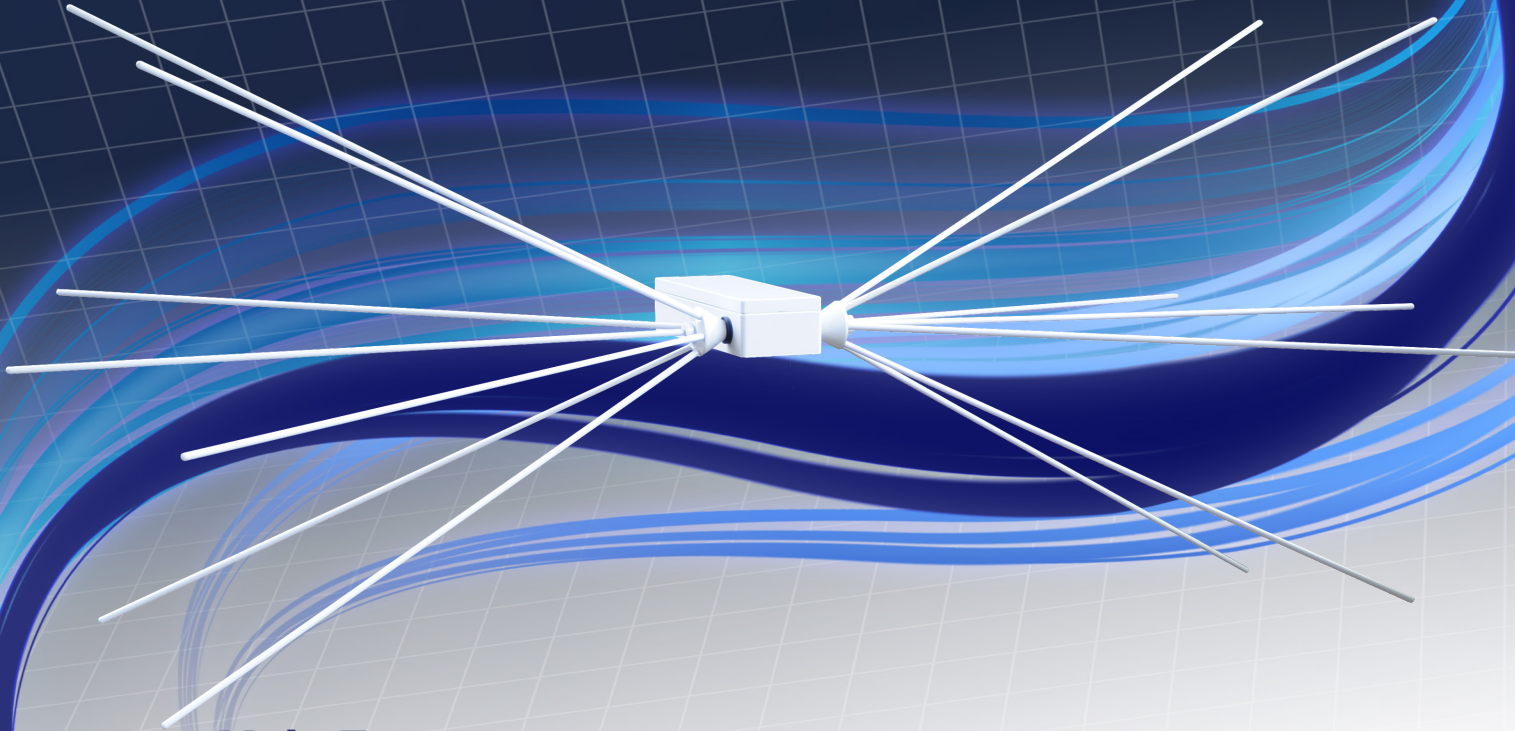


BC-01

Biconical antenna 30 to 200 MHz



Main Features

- 30 to 200 MHz frequency range
- Excellent Antenna Factor
- Tripod adapter for easy vertical-horizontal polarization change
- Individual calibration
- Robust, rustproof aluminium construction
- Lightweight

BC-01 is a biconical 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 9030 or 9060 that can be easily mounted on the antenna mast (*).

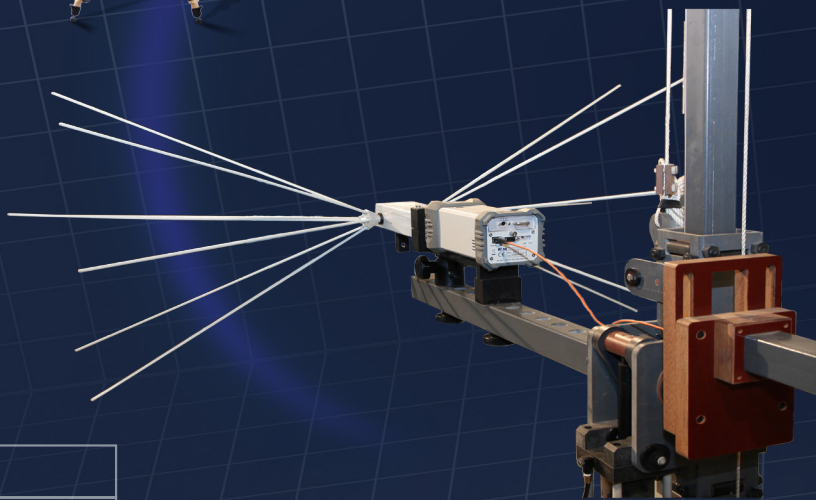
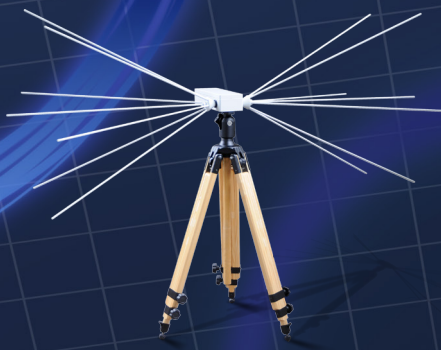
(*)The direct connection between antenna and PMM Receiver Unit eliminates additional sources of uncertainties due to coaxial cable attenuation and scattering. For further information please consult our brochure "Fully CISPR-Compliant Digital EMC/EMI receivers 10 Hz to 18 GHz".

BC-01

Biconical antenna 30 to 200 MHz

SPECIFICATIONS

| | |
|------------------|----------------------|
| Frequency range | 30 to 200 MHz |
| Impedance | 50 Ω nominal |
| Gain | -15 +2 dBi typical |
| Antenna factor | 8 to 14 dB/m typical |
| Construction | Aluminium |
| Max input power | 100 W |
| Connector | N-female |
| Dimensions LxHxW | 65 x 65 x 137 cm |
| Weight | 1,8 Kg |
| Colour | RAL 7035 |



BC-01 with 9030



BC-01 - Antenna Factor @ 10m

Ordering Information:

Biconical antenna BC-01 with individual calibration report
Biconical antenna BC-01/TC with typical calibration report
Includes: Operating Manual, Soft Carrying Case, Calibration Report

Optional accessories:

TR-01 Wooden tripod extensible 60 - 180 cm with antenna mounting adapter for fast horizontal to vertical polaritazion changing
RF Cable/5 RF cable, N-N connector, lenght 5 m

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

- DR-01: Double-ridged horn antenna 6 to 18 GHz
- LP-02: Log Periodic Antenna 200 MHz to 3 GHz
- LP-03: Log Periodic Antenna 800 MHz to 6 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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