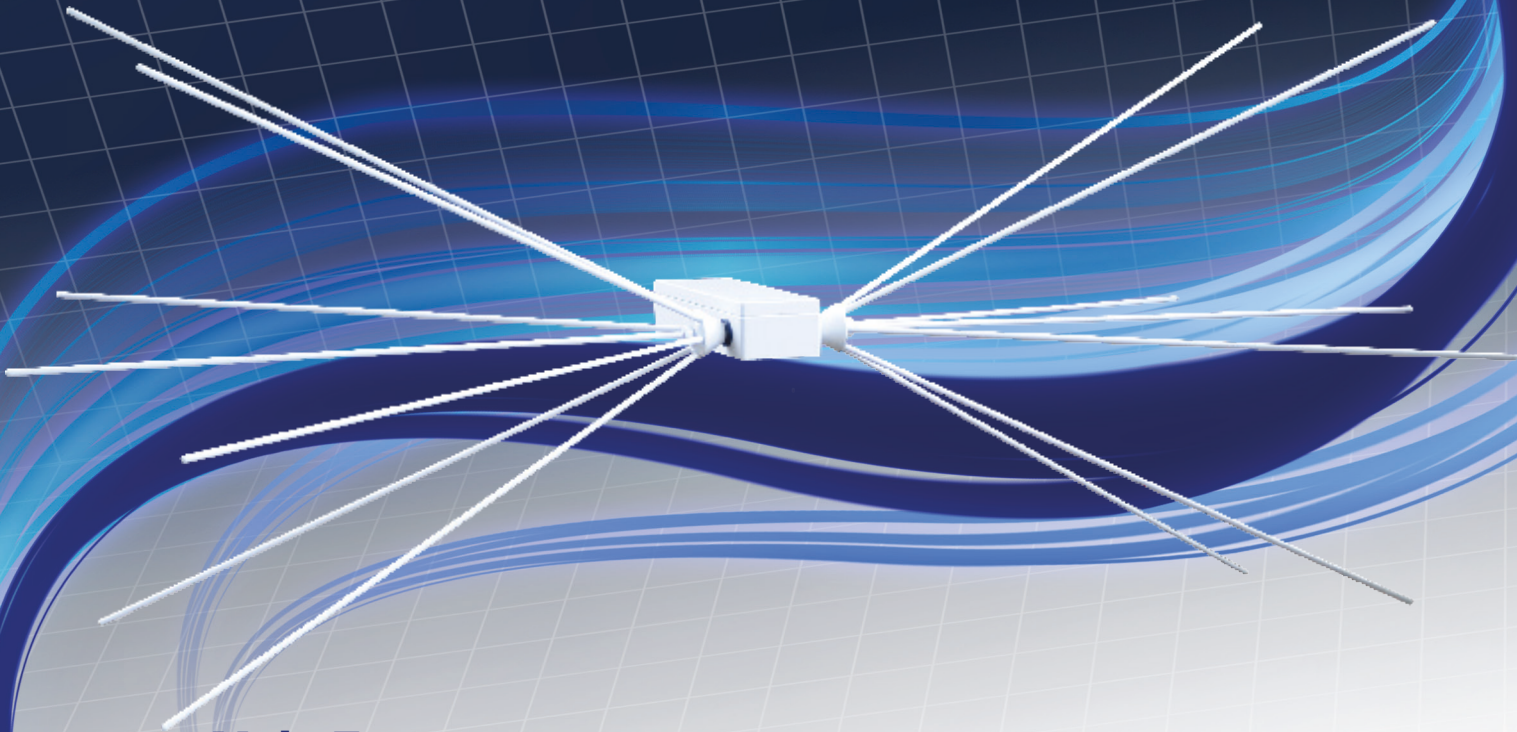


BC-01

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

Its ideal companion is the EMI Receiver Unit 9030 or 9060, which can be easily mounted on the antenna mast.*

*The direct connection between antenna and PMM receiver 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".



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Safety Test Solutions

4TECT

ООО «4TECT»

Телефон: +7 (499) 685-4444

info@4test.ru

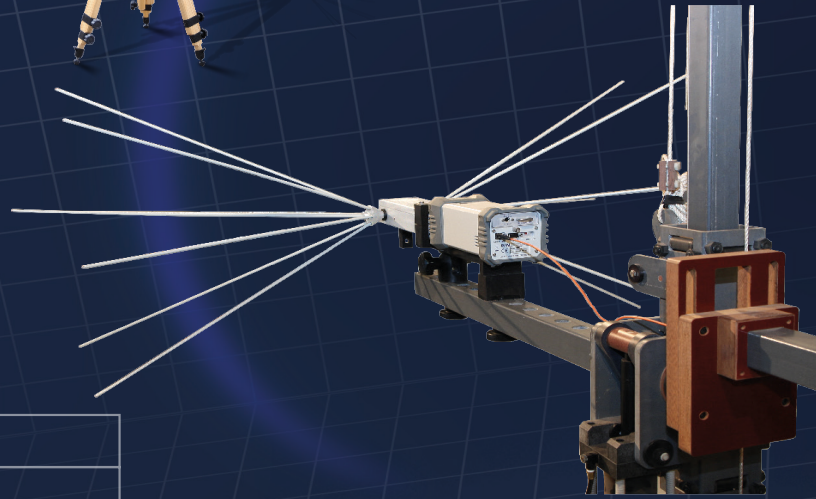
www.4test.ru

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 (L x H x W) | 65 x 65 x 137 cm |
| Weight | 1,8 kg |
| Colour | RAL 7035 |



BC-01 with 9030



BC-01 - Antenna Factor @ 10m

Ordering information:

BC-01 Biconical antenna with individual calibration report

BC-01/TC Biconical antenna with typical calibration report

Includes: user's manual, soft carrying case, calibration report

Optional accessories:

TR-01 set

Includes: TR01 60-180 cm wooden column extendable tripod,

antenna mounting adapter to change polarization, soft carrying case

5 meter/6 GHz/N(m)-N(m) **RF cable**

Antenna Mounting kit **AMK-01**

Related products and services

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
- FR-4003: Field Receiver 9 KHz to 30 MHz

Antennas

- BL-01: Biconical Log Periodic Antenna 30 MHz to 6 GHz
- 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
- LP-04: Log Periodic Antenna 200 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)
- Antenna Set AS-04 (BC01+LP04+TR01)
- Antenna Set AS-05 (BC01+LP04+DR01+TR01)
- Antenna Set AS-06 (BC01+LP-02+LP03+DR01+TR01)
- Antenna Set AS-07 (BL01+TR01)
- Antenna Set AS-08 (BL01+DR01+TR01)
- RA-01: Rod Antenna 9 kHz to 30 MHz
- RA-01-HV: Rod Antenna 150 kHz to 30 MHz
- RA-01-MIL: Rod Antenna 9 kHz to 30 MHz

Calibration services

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