

EMC Wideband Antenna MTA-60-6000

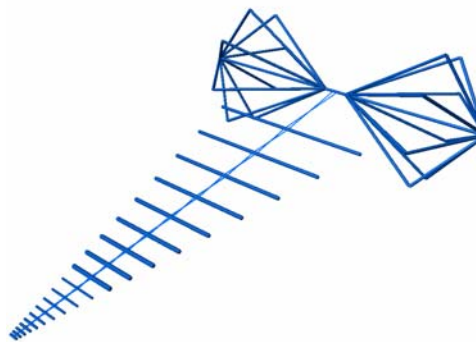
MTS-No. R65.10.0052

Application

For the measurement of radio disturbances the standard CISPR 16 1-4 demands polarized wideband antennas. The antenna may not influence the total characteristics of the measurement receiver and must be alignable into it's polarization direction.

Description

The EMC Wideband Antenna type MTA-60-6000 fulfills the requirements of the CISPR 16-1-4 for the frequency range of 60 MHz to 6000 MHz.



Technical data

1 RF-specifications:

- | | |
|---------------------|--|
| 1.1 Impedance | 50 Ω nom. |
| 1.2 Frequency range | 60 MHz to 6000 MHz
20 MHz to 6000 MHz (effective use) |
| 1.3 VSWR input | 60 MHz - 6000 MHz <1 : 2,0
20 MHz - 60 MHz >1 : 2,0 |
| 1.4 Gain | 8 dBi typ. |
| 1.5 Power handling | 500 W (CW), 1000 W (peak) |
| 1.6 Polarization | Linear, manual changeable |
| 1.7 Technology | Hybrid |

2 Connectors:

- | | |
|-------------------|--|
| 2.1 Antenna | N female |
| 2.2 Tripod socket | 5/8"-thread (tripod),
bore holes 10 mm (4 pcs.) |

3 General specifications:

- | | |
|---------------------------------------|--|
| 3.1 Operating temperature | +5 °C to +60 °C |
| 3.2 Storage temperature | -30 °C to +70 °C |
| 3.3 Reference temp. of specifications | +5 °C to +60 °C |
| 3.4 Dimensions (without connections) | 1760 x 1335 x 400 mm,
1760 x 610 x 40 mm (transport.) |
| 3.5 Material | Aluminium and brass |
| 3.6 Colour | Powder-coating RAL 5012 |
| 3.7 Weight | 5,0 kg |

4 Delivered parts:

MTA-60-6000
Tripod attachment
CD-ROM with manual, VSWR diagram and correction values

5 Comments:

Warranty	12 months
RoHS compliant	Yes
Intervall of calibration	12 months

6 Recommended accessories:

Measurement cable assemblies
Tripod
Preamplifier

