

EMC Wideband Antenna MTA-60-2000

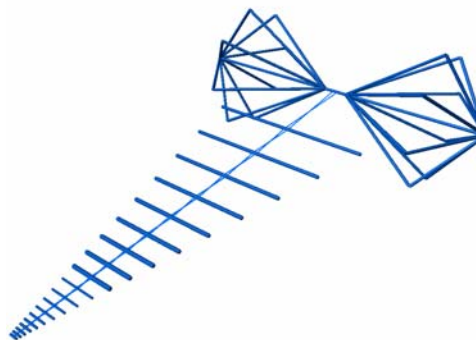
MTS-No. 65.10.0051

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 und must be alignable into it's polarization direction.

Description

The EMC Wideband Antenna type MTA-60-2000 fulfills the requirements of the CISPR 16-1-4 for the frequency range of 60 MHz to 2000 MHz.



Technical data

1 RF-specifications:

1.1 Impedance	50 Ω nom.
1.2 Frequency range	60 MHz to 2000 MHz 20 MHz to 2000 MHz (effective use)
1.3 VSWR input	60 MHz - 2000 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 temperature of specifications	+5 °C to +60 °C

3.4 Dimensions	1900 x 1335 x 400 mm, (without connections) 1900 x 610 x 40 mm (transportation)
3.5 Material	Aluminium and brass
3.6 Colour	Powder-coating RAL 5012
3.7 Weight	5,0 kg

4 Delivered parts:

MTA-60-2000
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