

EMC Wideband Antenna MTA-60-3000

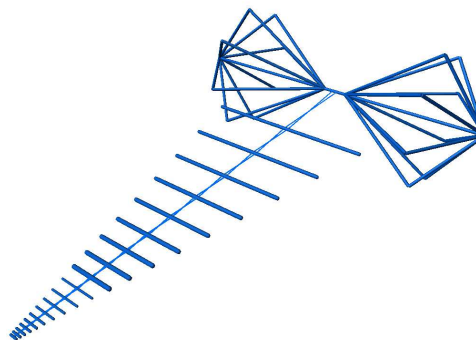
MTS-No. 25195

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-60-3000 fulfills the requirements of the CISPR 16-1-4 for the frequency range of 60 MHz to 3000 MHz.



Technical data

1 RF-specifications:

1.1 Impedance	50 Ω nom.
1.2 Frequency range	60 MHz to 3000 MHz 20 MHz to 3000 MHz (effective use)
1.3 VSWR input	250 MHz - 3000 MHz <1 : 2,0 20 MHz - 250 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

3.4 Dimensions (without connections)	approx. 1800 x 1400 x 600 mm, 1710 x 610 x 40 mm (transportation without biconical)
3.5 Material	Aluminium and brass
3.6 Colour	Powder-coating RAL 5012
3.7 Weight	5,0 kg

4 Delivered parts:

MTA-60-3000
Tripod attachment
CD-ROM with manual, VSWR diagram

2 Connectors:

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

5 Comments:

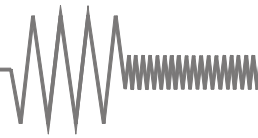
Warranty	12 months
RoHS compliant	Yes

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	+25 °C

6 Recommended accessories:

Measurement cable assemblies
Tripod
Preamplifier
Fixed attenuators



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Views:

