

EMC Wideband Antenna MTA-300-3000

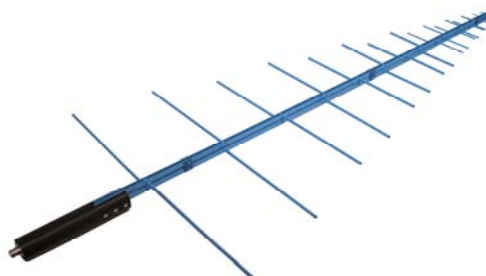
MTS-No. 65.10.0020

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 its polarization direction.

Description

The EMC Wideband Antenna type MTA-300-3000 fulfills the requirements of the CISPR 16-1-4 for the frequency range of 300 MHz to 3000 MHz.



Technical data

1 RF-specifications:

1.1 Impedance	50 Ω nom.
1.2 Frequency range	300 MHz to 3000 MHz
1.3 VSWR input	<1 : 1,75
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	Logarithmical periodical

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 (without connections)	1400 x 610 x 40 mm
3.5 Material	Brass
3.6 Colour	Powder-coating RAL 5012
3.7 Weight	2,0 kg

4 Delivered parts:

MTA-300-3000
Tripod attachment
CD-ROM with 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