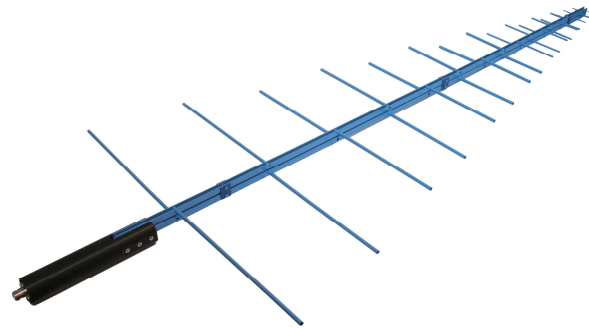


EMC Wideband Antenna type MTA-300-3000

Item no. 11947

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.

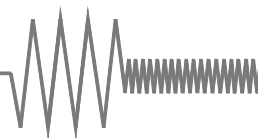


Solution

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

Characteristics

- ▶ Logarithmical periodical wideband antenna
- ▶ Wide bandwidth 300 to 3000 MHz)
- ▶ High TX-Power (500 W)
- ▶ High gain (8 dBi)
- ▶ Measured according to MTS standards
- ▶ Compact design
- ▶ Small weight
- ▶ Powder-coating
- ▶ Including tripod attachment



EMC Wideband Antenna type MTA-300-3000

Item no. 11947

Technical datas:

Electrical specifications:

Frequency range:	300 to 3000 MHz
Impedance:	50 Ω nom.
VSWR input:	< 1 : 1,75
Gain:	8 dBi typ.
Power handling:	500 W (CW) 1000 W (Peak)
Polarization:	linear, manual changeable
Technology	Logarithmical periodical

Comments:

Warranty:	12 month after date of shipment
Intervall of calibration:	12 month

Recommended accessories:

- measurement cable assembl.
- measurement tripod
- preamplifier

Connectors:

Antenna:	- N-female, 50 Ω
Tripod socket:	- 5/8"-thread (tripod) - bore holes 10 mm (4 pcs..)

Mechanical specifications:

Dimensions (w x h):	1400 x 610 x 40 mm
Surface treatment:	Powder-coating RAL 5012
Weight:	2,0 kg

Environmental conditions:

Operating temperature:	+5 $^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$
Reference temperature for declared specifications:	+5 $^{\circ}\text{C}$ to +60 $^{\circ}\text{C}$
Storage temperature:	-30 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$

Delivery package:

- Antenna type
MTA-300-3000
- Tripod attachment
- Manual
- Correction values
- COC

