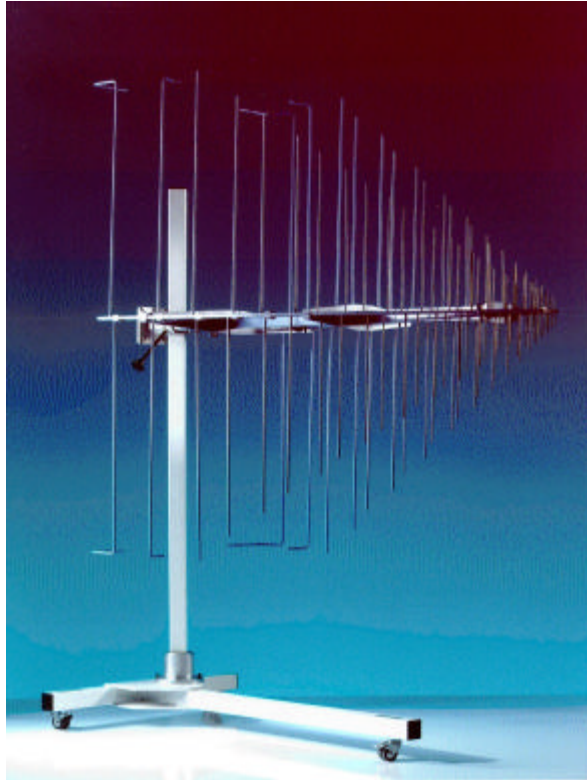


EMI Antenna HL046



Brief description

The broadband characteristics of EMI Antenna HL046 in combination with an approximately rotation-symmetrical radiation pattern and high gain make the antenna particularly suitable for EMI immunity measurements. With its small size and wide frequency range it is ideal for use in test chambers.

- High antenna gain, ie low amplifier power required
- No change of antennas over wide frequency range
- Uniform object irradiation due to optimised radiation patterns
- Small size
- Influence of chamber reduced
- Can be wall mounted

Specifications

Frequency range	80 MHz to 1300 MHz	
Polarization	linear	
Polarization isolation	typ. 20 dB	
Front-to-back ratio	> 20 dB	
Nominal impedance	50 Ω	
VSWR	<2	
Gain	>7 dBi	
Max. permissible input power		
80 MHz	1000 W +100% AM	
500 MHz	500 W +100% AM	
1000 MHz	300 W +100% AM	
1300 MHz	250 W +100% AM	
RF connector	N female	
Dimensions	with trolley	without trolley
Width	0.86 m	0.85 m
Height	1.9-2.6 m	1.57 m
Length	1.85 m	1.75 m
Weight (without trolley)	10 kg (appr.)	
Weight of trolley	12.5 kg (appr.)	
Recommended extras		
Pneumatic control	HL046-P	