

Ultra Broadband Antenna HL562 ULTRALOG



(HL562 with pedestal HL562Z1)

Brief description

The main application of the Ultra Broadband Antenna HL562 is measurement of emissions within the extremely large frequency range 30 MHz to 3000 MHz without change of antenna. The design of the ULTRALOG with respect to balance and matching (SWR) allows additionally to carry out immunity tests with field strengths of 10V/m or even more.

- Large frequency range 30 MHz to 3000 MHz
- For EMC and EMI measurements
- High gain particularly between 500 MHz and 1 GHz
- No change of antenna over wide frequency range
- Uniform object irradiation due to optimized radiation patterns
- Small in size
- High sensitivity
- High linearity
- Easy to handle
- Can be wall mounted
- Calibration acc. ANSI C63.5 and DIN45003

Specifications

Frequency range	30 MHz to 3000 MHz
Polarization	linear
Nominal impedance	50 Ω
VSWR	<2 (typ.)
Gain	8 dBi (typ.)
Max. permissible input power	
30 MHz	150 W +100% AM
80 MHz	300 W +100% AM
2500 MHz	500 W +100% AM
1000 MHz	280 W +100% AM
3000 MHz	180 W +100% AM
Dimensions	
Width	0.6 m
Height	1.65 m
Length	1.68 m
Weight	5.1 kg
RF connector	N female

Recommended extras

Pedestal (movable)	HL562Z1
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