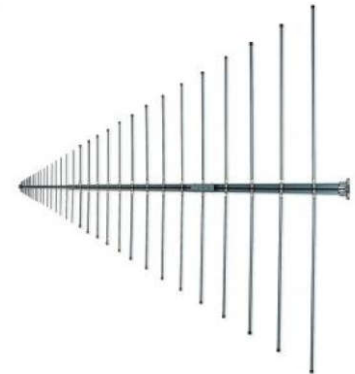


RFECHO Log-Periodic Broadband Antenna OLP-0820

The RFECHO Log-Periodic Broadband Antenna is one of our latest antennas, providing an inexpensive and excellent solution to Broadband applications. Whether testing inside a shielded enclosure or outdoors, The RFECHO antenna will display efficient performance characteristics through the frequency range of 80 MHz to 2000 MHz.

The RFECHO antenna offering a large number of dipole elements with frequency range from 80MHz to 2 GHz including the most common RF sources like GSM, 5G, Wifi etc..

Each antenna goes through rigorous testing in our laboratories before dispatch, All antennas are developed, individually produced and calibrated.



Features

- Excellent broadband characteristics

- Sturdy construction

- Accredited calibration available on request

- Influence of chamber reduced

- Antenna gain approximately constant over the whole frequency range

Electrical Specifications

Frequency range	80 MHz - 2 GHz
Polarization	linear
Input impedance	50 Ω
VSWR	typ. ≤ 2
Max. input power (TA = +30 °C)	80 MHz 460 W + 100 % AM
	100 MHz 430 W + 100 % AM
	500 MHz 210 W + 100 % AM
	1000 MHz 160 W + 100 % AM
	1500 MHz 140 W + 100 % AM
2000 MHz 120 W + 100 % AM	
Gain	typ. 6.5 dBi (see diagram)
Connector	N female
MTBF	> 100 000 h
Operating temperature range	-40 °C to +50 °C
Max. wind speed	150 km/h
Dimensions	1.96 m × 1.8 m

Typical gain

