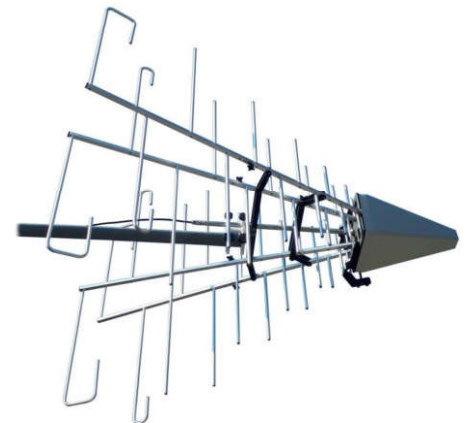


RFECHO V-Log Periodic Array

OVLA-008100



The RFECHO OVLA-00810 V-Log Periodic Antenna offers a wide frequency range of 80MHz to 10GHz with enhanced gain over standard log periodic dipole array antennas.

The OVLA-00810 Used for anti-interference function in the frequency range from 80 MHz to 10GHz.OVLA-008100 is a specially designed spectrum sensing test with a wide frequency range. Now,a single antenna can be used to cover the whole frequency range from 80 MHz to 10 GHz, and the far-field isothermal gain of 8.1 dBi is only +/-2.8 dB.

Robust Design The OVLA-00810 is built for the harsh environments associated with EMC testing. It features an ultra-robust mechanical design and a highly durable feed to withstand the rigors of daily use.

Features

Frequency range of 80 MHz to 1 GHz

Enhanced gain over LPDA designs

Equalized E and H plane beamwidths

Patented feed design provides improved high

frequency response

Robust mechanical and feed design

Electrical Specifications

Frequency Range:	80 MHz - 10 GHz
Polarisation:	linear
Pattern Type:	directional
Isotropic Gain:	8.1 dBi ± 2.8 dB
Material:	Aluminium
Connector:	Type N female
Impedance:	50 Ω nominal
Length:	1.75 m
Width:	1.49 m
Height:	1.32 m
Weight:	10.2 kg
Mounting:	22 mm diameter tube

