

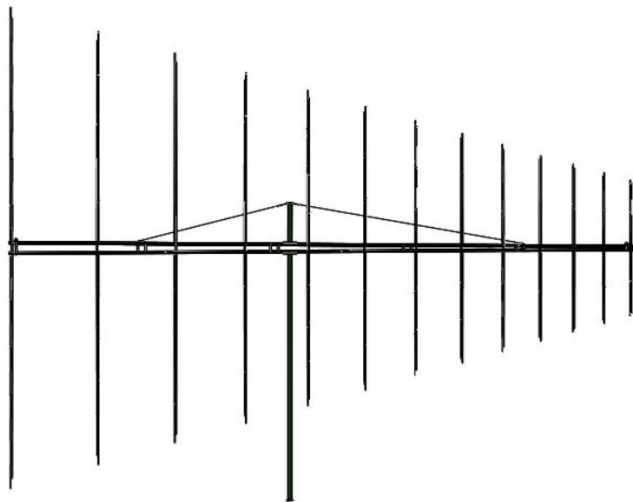
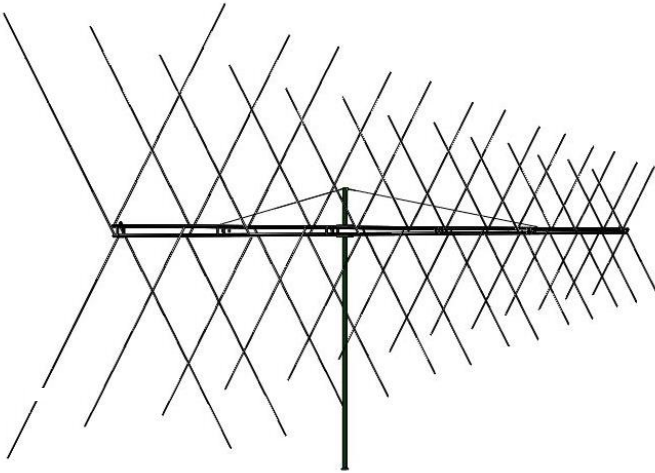
Wideband HF Log Periodic Dipole Array

12 – 28 MHz

Product Code: LPDA-A0180

SPECIFICATIONS:

Frequency range	12 – 28 MHz
VSWR	< 2.0:1
Feed power handling	100 W
Nominal input impedance	50 Ω
Connector	N-type female
Gain	> 6 dBi
Polarisation	Dual polarised
Mechanical:	
Dimensions (h x w x l)	9770 mm x 9770 mm x 13000 mm
Weight	130 kg
Material	Aluminium, stainless steel
Mounting method	Bracket or Hoisting Hooks
Environmental: designed to meet the following specifications	
Operating Temperature	-31 to 71 °C
Storage Temperature	-40 to 71 °C
Wind speed	120 km/h



PRODUCT DESCRIPTION:

The LPDA-A0180 is a wideband HF directional log-periodic dipole array, primarily designed for EW monitoring or communication applications. It covers the 12 – 28 MHz frequency band with a typical gain of greater than 6 dBi with a low and stable VSWR.

The LPDA-A0180 can be mounted on a rotator mast or alternatively can be hoisted via boom attachment points

PRODUCT FEATURES:

- Medium gain
- Low and stable VSWR
- Vertical and horizontal polarisation
- Wide frequency range

*Pictures are indicative only; final design might be different.

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VERSION: 1.1

Mechanical Outline:

