

# 10 – 30 MHz Log Periodic Dipole Array

10 – 30 MHz

VERSION: 1.4

Product Code: RLP10-30



## SPECIFICATIONS:

<b>Alaris Product Code</b>	RA10-118-01
<b>Electrical:</b>	
Frequency range	10 – 30 MHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Connectors	PL259
Gain	9 – 10 dBi over average ground
Front-to-back ratio	15 dB – 20 dB
Polarisation	Horizontal
Input power	1 kW
<b>Mechanical:</b>	
Dimensions	Boom length: 8 m
Total mass	40 kg
Number of elements	10
<b>Environmental: designed to meet the following specifications</b>	
Wind survival	90 km/h

## PRODUCT FEATURES:

- Durable
- Lightweight
- High performance

## APPLICATIONS:

- Long range HF voice communication
- Long range HF data communication

## PRODUCT DESCRIPTION:

The RLP10-30 log periodic dipole array, is a directional HF antenna, operating in the frequency range 10 to 30 MHz, designed for very long range HF voice and data communication.

Constructed from aluminium, stainless steel and UV resistant plastic, the RLP10-30 is lightweight and durable, ensuring many years of trouble free, high performance service.

Supplied in kit form, all mounting and assembly hardware, the necessary tools, and detailed instructions are provided for easy assembly.