

BLP10-30-8

HF Log Periodic Dipole Array



The BLP10-30-8 is a high gain, directional antenna designed for use in the permanent/strategic base station role. Manufactured from aluminium, UV resistant thermoplastics and stainless steel hardware to ensure durability and long service life.

This antenna can be direction fixed or installed with a suitable rotator on a 12-18 meter mast. The BLP10-30-8 is ideal for long range, intercontinental voice and data communication links.

Features

- Supplied in kit form for on-site assembly
- Detailed assembly instructions provided
- Serviceable (replaceable parts)
- High Power, 100% duty cycle
- Can be used with a rotator (Part number BA09-0236)

Specifications

Frequency Range	10 - 30 MHz
Free Space Gain	6-7 dBi
Front/Back Ratio	15 – 20 dBi
VSWR	< 2.5:1
Input Impedance	50 Ω Nominal
Power Input	1000 Watts Continuous
Input Connector Options	PL259 (Part number BA07-0122) N (Part number BA07-0123)
Boom Length	8 Meters
Width	11.1 Meters
Elements	10
Mass	30 kg
Mounting	Designed to mount on dia. 50mm spire
Environmental	Commercial spec, supplied unpainted