



BILP2514

High Gain NVIS HF Inverted Log Periodic Antenna



The BILP2514 is a wideband, high power HF Log Periodic antenna, optimised for short (NVIS) and medium range communication. The antenna that exhibits an omni-directional, high take-off angle, high gain radiation pattern ideal for NVIS communications links.

Designed for use in the base station role for short to medium range HF communications, the BILP2514 can be installed permanently as a fixed installation, or as a short to medium term tactical antenna.

This antenna is designed to be used on the supplied 21 meter crank up mast, but may also be customized to fit on customer masts.

Features

- Transportable
- Serviceable (replaceable parts)
- High Power, 100% duty cycle
- Rugged and durable
- High gain, omni-directional, NVIS
- Ideal for ship to shore and NVIS links

Specifications

Frequency Range	2.5 – 14 MHz
VSWR	< 3:1
Gain	4 - 5dBi
Input Impedance	50 Ω Nominal
Input Connector	N female
Power Input	1KW Continuous
Height	21 Meters
Length	52M (excluding anchor ropes)
Environmental	Designed to comply with MIL-STD 810G
Wind Survival	120 Km/h