

VHF30108LPDA and VHF30512LPDA

VHF/UHF log periodic antenna, dipole

Tactical Antennas: Tactical and Base Station



Application

The VHF30108LPDA and VHF30512LPDA are transportable log periodic dipole array antennas suitable for field deployment. The antenna can be folded and stored in a bag for transportation. The antenna is available in two configurations:-

VHF30108LPDA - 30-108 MHz

VHF30512LPDA - 30-512MHz

Electrical Specifications

Frequency Range	VHF30108LPDA VHF30512LPDA	30 - 108 MHz 30 - 512 MHz
VSWR	< 3.5:1	
Nominal Impedance	50 Ω	
Power Rating	100 W CW	
Gain	> 5 dBi average	
Front/Back Ratio	> 15 dB	
Polarisation	Adjustable linear	
Connector	BNC female	

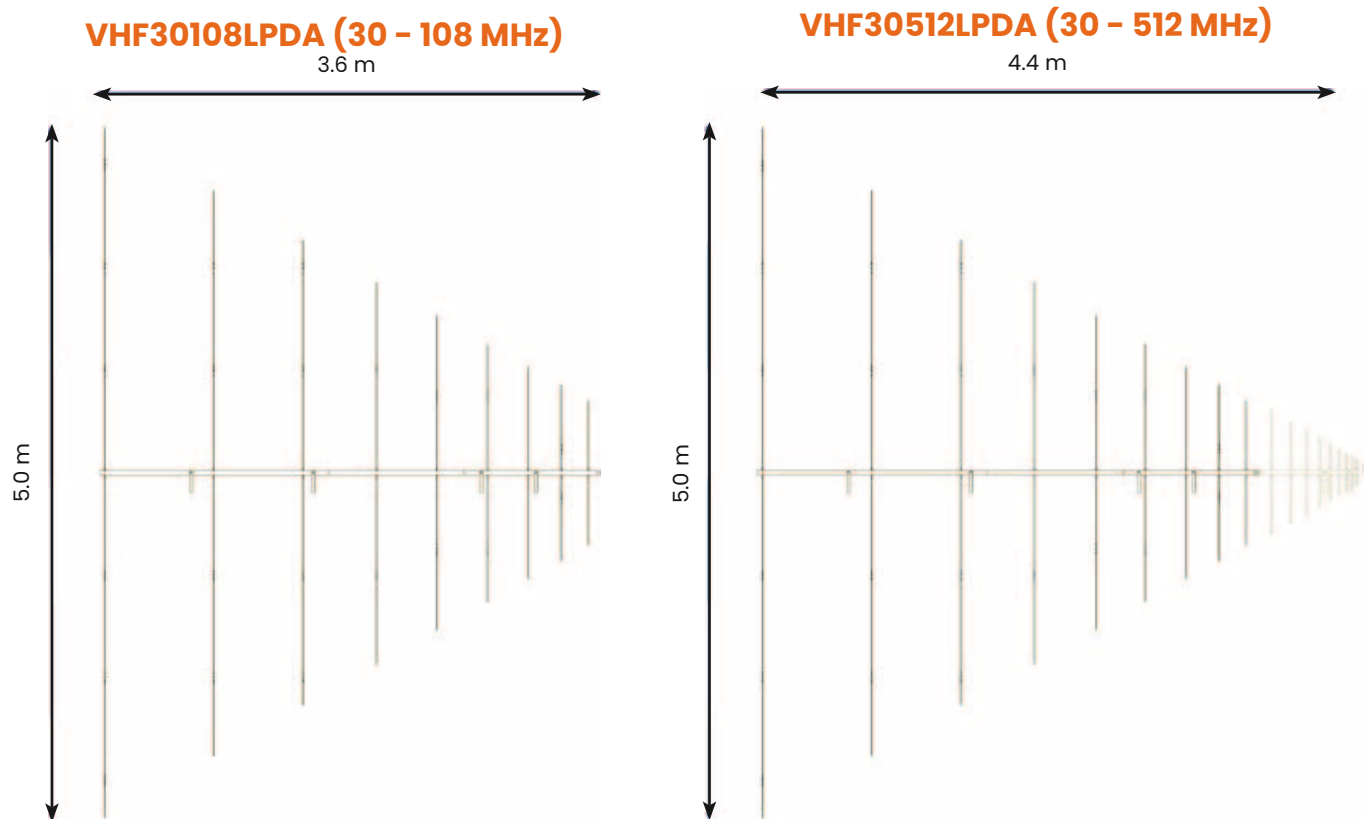


Antenna shown collapsed for transportation

Mechanical Specifications

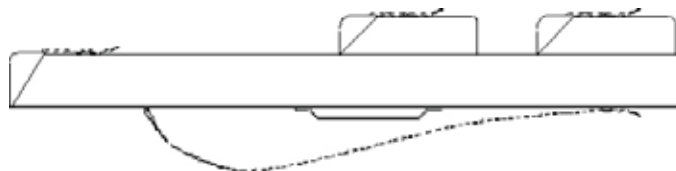
	VHF30108LPDA	VHF30512LPDA
Design	The antenna utilises a new technology with sectional glass fibre elements that gives optimum tuning capabilities with reduced weight. The feeder assembly is painted aluminium.	
Weight	10 kg	12 kg
Dimensions (see diagram)	3.6 x 5.0 m	4.4 x 5.0 m
Mounting	Socket to fit a 50 mm spigot Customer specific sizes on request	
Finish	Matte black polyurethane lacquer	
Temperature Range	- 55°C to + 71°C	

Dimensions



Kit List

Description	VHF30108LPDA	VHF30512LPDA
	Quantity	Quantity
Antenna sections, elements strapped to boom with Velcro	1	1
Extra front antenna section, (VHF174512LPDA)		1
20 m RG58 coaxial cable on winder	1	1
Feed point adaptor	1	1
Mast adaptor	1	1
Adaptor AMX85, 50 mm	1	1
Bag	1	1



Antenna is packed into a bag for transportation
 Bag dimensions 1320 x 225 x 160 mm

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All specifications are subject to change without notice
 The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



sales@eylex.com.au
 www.eylex.com.au

