



HF Delta Antenna 2-30MHz/3-30MHz 125W PEP/1kW PEP

AT A GLANCE

2 to 30MHz continuous
or
3 to 30MHz continuous

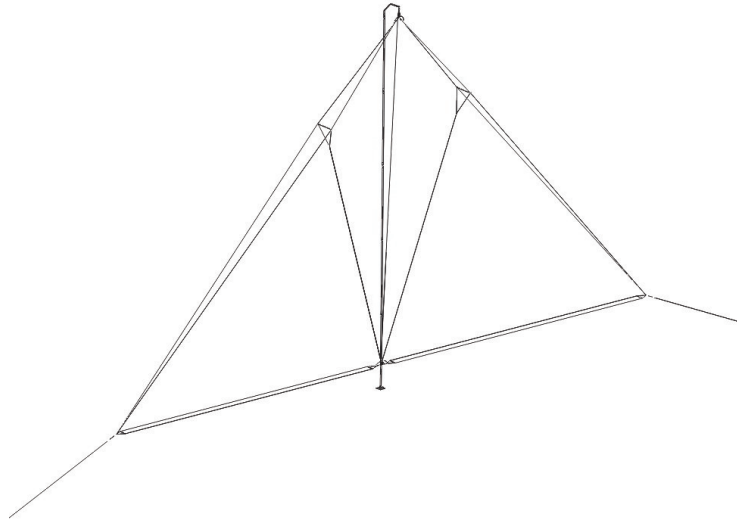
No ATU required

Omnidirectional

Near Vertical Incidence
Skywave (NVIS)
radiation for short to
medium distance
coverage

Rugged construction

125W and 1kW versions



The **Lencom®** Broadband Delta Antennas cover the complete range of 2 - 30MHz or 3 - 30MHz.

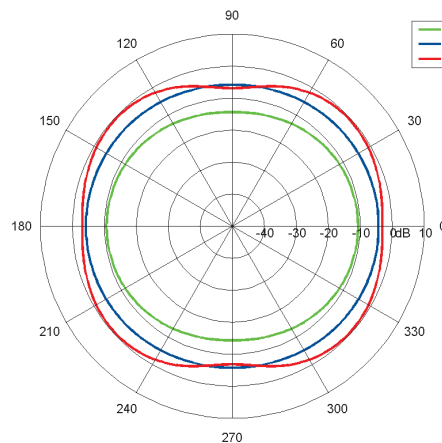
They are rated to either 125W PEP (75W Average) or to 1kW PEP (600W Average).

Lencom Deltas have been designed for short to medium distance fixed station multi-frequency operation, and exhibit an essentially omnidirectional, Near Vertical Incidence Skywave (NVIS) radiation pattern.

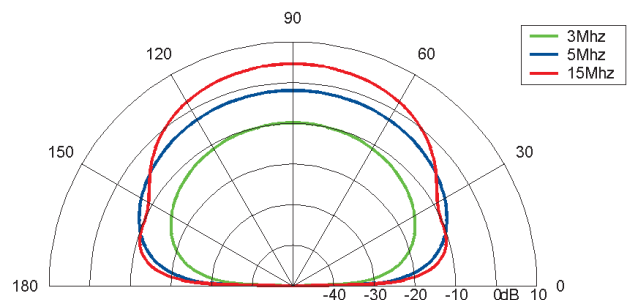
They require no Antenna Tuning Unit, earth or radial system, and will typically exhibit a VSWR of 2:1 or better over the whole range.

They are installed on a 15.5m mast (3-30MHz) or 22m mast (2-30MHz). Suitable masts are available from Lencom.

Two Delta antennas can be attached to the same mast, and operated as separate transmit antennas with 30dB isolation.



Azimuth



Elevation at 90°



HF Delta Antenna

2-30MHz/3-30MHz

125W PEP/1kW PEP

AT A GLANCE

2 to 30MHz continuous
or
3 to 30MHz continuous

No ATU required

Omnidirectional

Near Vertical Incidence
Skywave (NVIS)
radiation for short to
medium distance
coverage

Rugged construction

125W and 1kW versions

Specifications

Electrical

Frequency Range	LB034/LB036	2 to 30MHz
	LB021/LB026	3 to 30MHz
Power rating	LB021/LB036	125W PEP
	LB026/LB034	1kW PEP
Nominal impedance		50Ω
VSWR		Generally <2:1
Radiation Pattern	Azimuth	Essentially omnidirectional
	Elevation	NVIS
Connector	125W PEP	UHF
	1kW PEP	N

Mechanical

Antenna width	3-30MHz	46m
	2-30MHz	58m
Mast guy radius	3-30MHz	12.5m
	2-30MHz	14.5m
Mast height	3-30MHz	15.5m
	2-30MHz	22m
Wind rating (Mast and antenna)		160km/hr, no ice
Packed weight	LB021	35kg
	LB026	38kg
	LB054	40kg
	LB034	43kg
Packed dimensions (excludes mast)	3-30MHz	900mm x 650mm x 300mm
	2-30MHz	900mm x 650mm x 300mm

Description	Part number
Delta antenna, 3-30MHz, 125W PEP	LB021
Delta antenna, 3-30MHz, 1kW PEP	LB026
Delta antenna, 2-30MHz, 125W PEP	LB036
Delta antenna, 2-30MHz, 1kW PEP	LB034

Specifications subject to change without notice

Lencom Antennas Pty. Ltd. 8 Antonio Court, Newton, South Australia 5074
Tel.: +61 8 8365 1900 Fax.: +61 8 8365 3070
Website: www.lencom.com.au Email: info@lencom.com.au



ISO 9001:2008