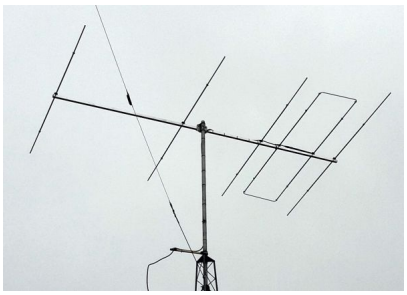
85MHz to 86MHz 5el Yagi



Sales price £199.95

Sales price without tax £166.63
Tax amount £33.33

5el 85.5MHz LFA Yagi - Covers 85-86MHz

Description

A 5el LFA Yagi for 85-86MHz - centre frequency 85.5MHz

A low noise, high gian Yagi for bout RX and TX. compact design on a 1.25" square boom and 1/2" round elements fully insulated from the boom

Performance single antenna:

Gain: 10.48dBi - free space

Gain 10m above ground: 16.22dBi

F/B: 28.75dB

-3dB E-plane: 51.8 degrees

-3dB H-plane: 66.8 degrees

2 x Yagi stacked 3m apart: 19.05dBi

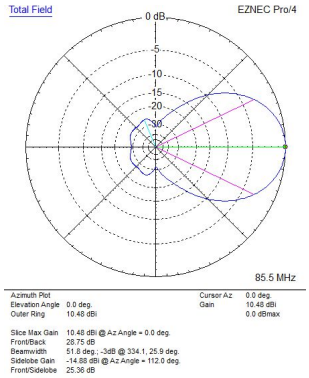
Impedance: 50Ohm balanced

SWR: 85.5MHz + - 500KHz better than 1.2:1

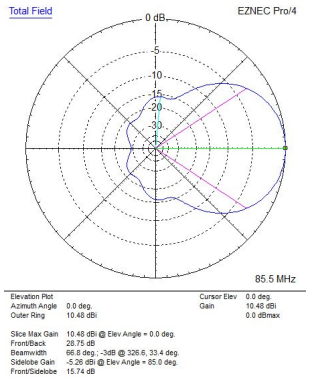
Stacking Distances:

2 antennas: 3m vertically

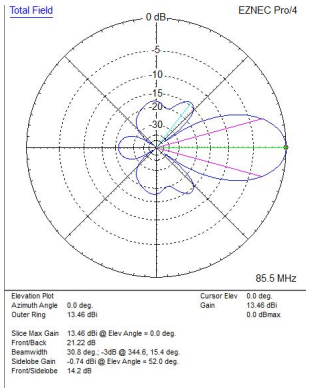
The 5el 85.5MHz LFA Azimuth plot in free space



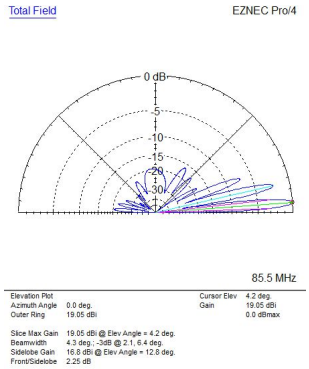
Elevation plot of the 5el LFA in free space:



2 x 5el stacked 3m apart vertically, one above the other in free space:



2 x 5el LFA stacked 3m apart and 10m above ground, showing ground-gain:



//