



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

Description

Available through WiMo Germany and DX Engineering in the USA - for Direct factory supply, Email us for pricing and time lines.

www.dxengineering.com - www.wimo.com

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

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

Performance single antenna:

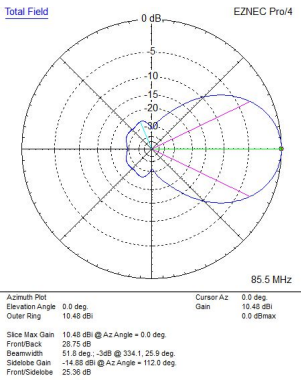
Gain:	10.48dBi - free space
Gain 10m above ground:	16.22dBi
F/B:	28.75dB
-3dB E-plane:	51.8 degrees
-3dB H-plane:	66.8 degrees
2 x Yagi stacked 3m apart:	19.05dBi
Impedance:	50Ohm balanced
SWR:	85.5MHz + - 500KHz better than 1.2:1

Stacking Distances:

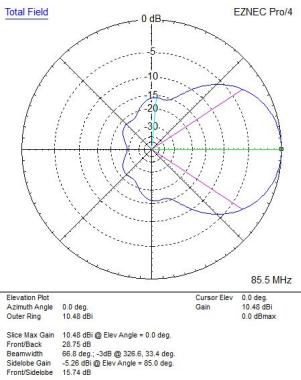
2 antennas: 3m vertically

The 5el 85.5MHz LFA Azimuth plot in free space

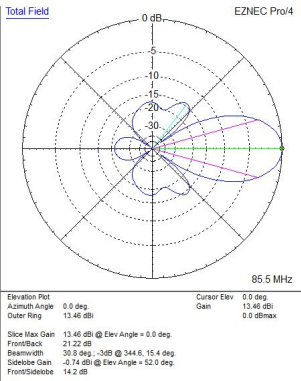
85MHz to 86MHz 5el Yagi



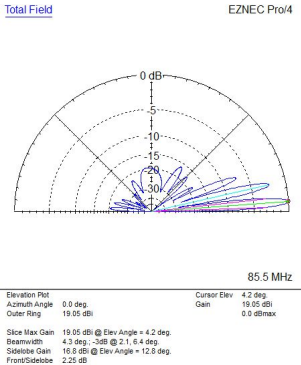
Elevation plot of the 5el LFA in free space:



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:



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