

Sales price £795.95

Sales price without tax £663.29
Tax amount £132.66

14 element (7H/7V) X-polarised LFA Yagi optimised for K1JT's MAP65 software & other EME applications. Single, pair or box of 4 will work great off the moon & also extraordinarily well on down-to-earth modes such as F2, Es & TEP. Matching H-Frame available



Description

Prices 20% less for customers outside of EU

A 7 Element Crossed (X-POL) LFA Yagi (14el total) for EME and MAP65 Applications

The G0KSC LFA Yagi is a major step forward in the development of the Yagi Antenna; **it provides a low-noise front-end for your radio so you hear more weak signals**. This compact 7el X-POL is just 9.6m long and provides both Vertical and Horizontal polarization. This Yagi has been designed to be used with K1JT's [MAP 65 software](#) and other EME applications and we have developed a matching non-conductive H-frame for use with it. This antenna can be used on its own, as a part of a stacked pair or as a box of 4, you and your available space can decide!

Performance

12.90dBi @ 50.150MHz

30.74dB @ 50.150MHz

Peak Gain: 12.96dBi

Peak F/B: 33.75dB

Power Rating: 5kw

SWR: Below 1.1:1 from 50.00MHz to 50.450MHz

Stacking Distance: 5.5 -7.5m (6.25m recommended)

Boom Length: 9.6m

Weight: 15Kg / 33LB

Turning Radius: 4.974m / 16.3ft

Wind Loading: 0.5 Square Metres / 5.93 Square feet

Wind Survival: 160+KPH / 100MPH+

Other options available if higher wind loading/survival is required.

Specification

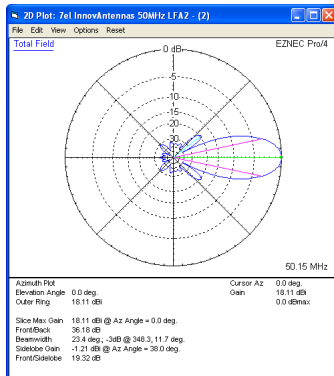
This antenna is made 16mm center elements and 13mm outer elements. The antenna has fully insulated elements which will ensure continuous, high performance for many years to come. Boom to mast brackets are included with all antennas which will support 2 inch (50mm) masts. Boom is tapered starting at 50mm in the centre, then 45mm then 40mm. All section have a wall thickness of 2mm

Our antennas are constructed with the best quality materials in order the best mechanical construction can be achieved, not the cheapest and

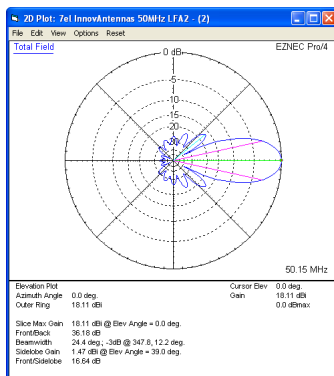
most profitable! Even a digital caliper is used (with an accuracy of .01mm) to measure the elements during production to ensure they are within 0.2mm of what they should be, ensuring they work as well as our software model predicts.

Note: much development time has gone into our antennas, not just on basic electromagnetic design, we are able to model the effect of insulators, booms and other objects to ensure the make up or our antennas have least effect on performance and pattern degradation. More information can be found [here](#)

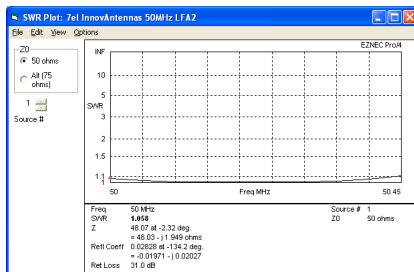
- Marine grade stainless steel fittings
- Original Stauff Insulation clamps
- Mill finished boom and elements for highest levels of accuracy



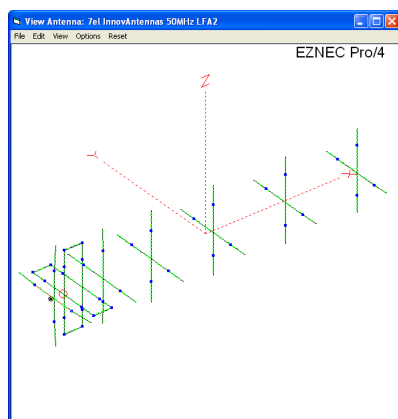
4 x antenna in H frame Azimuth Plot in one plane (swapped in reverse polarization)



4 x antenna in H frame Elevation Plot in one plane (swapped in reverse polarization)



SWR



Manufactured the right way, not the cheapest way!

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