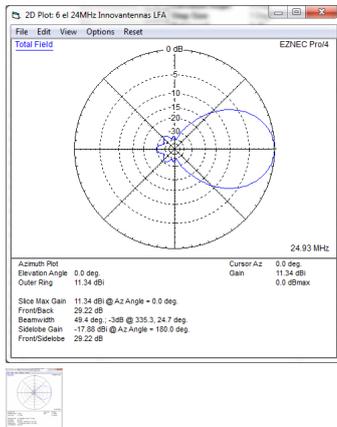


6 element 24MHz LFA Yagi (12.9m)



A High Gain 24MHz LFA Yagi

Rating: Not Rated Yet

Price

Sales price £899.95

Sales price without tax £749.96

[Ask a question about this product](#)

Manufacturer [InnovAntennas](#)

Description

Postage £15.00 to UK mainland (not Scottish Highlands) Europe £20.00, for rest of World please This email address is being protected from spambots. You need JavaScript enabled to view it.

```
document.getElementById('cloak8f840bfe8a33bb57eb32949ea30b945f').innerHTML = ''; var prefix = 'ma' + 'il' + '@'; var path = 'hr' + 'ef' + '='; var addy8f840bfe8a33bb57eb32949ea30b945f = 'sales' + '@'; addy8f840bfe8a33bb57eb32949ea30b945f = addy8f840bfe8a33bb57eb32949ea30b945f + 'innovantennas' + '.' + 'com?subject=postage%20charge%20-%20antennas'; var addy_text8f840bfe8a33bb57eb32949ea30b945f = 'Email'; document.getElementById('cloak8f840bfe8a33bb57eb32949ea30b945f').innerHTML += '<a href="mailto:addy_text8f840bfe8a33bb57eb32949ea30b945f">
```

Prices 20% less for customers outside of EU



A 6 element High Performance LFA Yagi

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** while at the same time maximising all round performance. This 6 element 24Mhz LFA provides stunning performance across the whole 12m band (24.800 - 25.00MHz). Hard to beat with a direct 50 Ohm feed-point and no matching losses and suppression of unwanted noise!! More information on the LFA Yagi can be found [here](#).

NOTE: With all our HF antennas we can custom design your element taper and element size requirements in order to cater for all weather and installation requirements This email address is being protected from spambots. You need JavaScript enabled to view it.

```
document.getElementById('cloak68f532354084083239bc315d41bbb7fd').innerHTML = ''; var prefix = 'ma' + 'il' + '@'; var path = 'hr' + 'ef' + '='; var addy68f532354084083239bc315d41bbb7fd = 'info' + '@'; addy68f532354084083239bc315d41bbb7fd = addy68f532354084083239bc315d41bbb7fd + 'innovantennas' + '.' + 'com?subject=HF Antenna design'; var
```

addy_text68f532354084083239bc315d41bbb7fd =
'Email';document.getElementById('cloak68f532354084083239bc315d41bbb7fd').innerHTML +=
"+addy_text68f532354084083239bc315d41bbb7fd+"; us for details.

Performance

Gain: 11.36dBi @ 24.930MHz

F/B: 29.29dB @ 24.930MHz

Peak Gain: 11.42dBi

Gain at 17m above Ground: 16.31dBi @ 24.930MHz

Peak F/B: 30.46dB

Power Rating: 5kw

SWR: Below 1.1:1 from 24.860 - 25.000MHz

Boom Length: 12.9m

Stacking Distance: 8 -10m (9m recommended)

2 Stacked Gain @ 9m spacing: 14.05dBi

2 Stacked F/B: 25.98dB

2 Stacked Gain @ 9m Spacing 12m above ground: 18.64dBi

Weight: 24.45Kg / 53.9LB

Turning Radius: 7.12m / 23.36ft

Wind Loading: 0.57 Square Metres / 6.17 Square feet

Wind Survival: 160KPH / 100MPH - **A 125MPH (HD) version is available upon request**

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

Specification

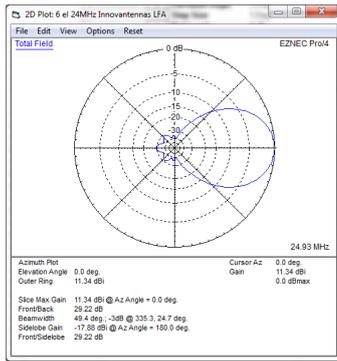
This antenna is made with elements that taper from 3/4 inch (19.05mm) to 5/8 inch (15.88mm) to 1/2 inch (12.7mm) and 3/8 inch (9.525mm) outer elements. The antenna has fully insulated elements which will ensure continuous, high performance for many years to come. Boom to mast brackets are included with all antennas which will support 2 inch (50mm) masts. Boom is 1.75 inch square (44.45mm) 10SWG (3.2mm) aluminum.

Our antennas are constructed with the best quality materials in order that 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 (VHF).

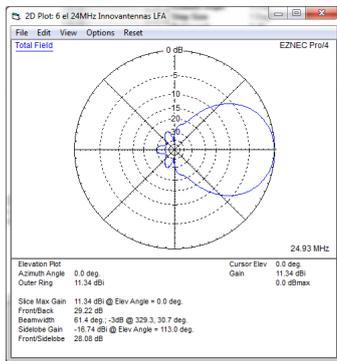
Note: Much development time has gone into our antennas, not just on basic electromagnetic design, we are able to model the effect of insulators, booms and other objects to ensure the make up of our antennas have least effect on performance and pattern degradation. More information can be found [here](#)

- **Marine grade Stainless Steel Fittings***
- **Original Stauff Insulation clamps**
- **Mill finished boom and elements for highest levels of accuracy**

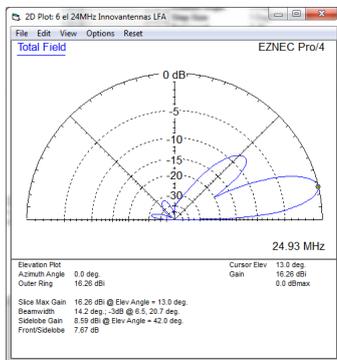
24MHz LFA Yagis: 6 element 24MHz LFA Yagi (12.9m)



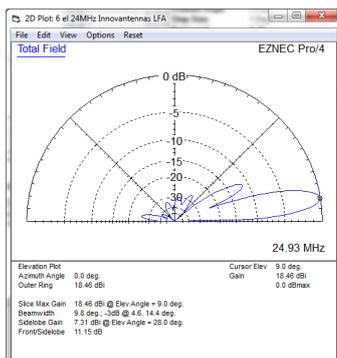
Azimuth Plot



Elevation Plot

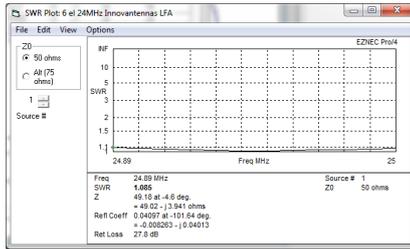


Single 6 element LFA up 12m above ground



24MHz LFA Yagis: 6 element 24MHz LFA Yagi (12.9m)

2 x 6 el LFA Yagi 9m apart with the bottom antenna 12m above ground



SWR



6 x 7el LFA Yagis at W7EW

Manufactured the right way, not the cheapest way!

*Where possible marine grade stainless steel is used.