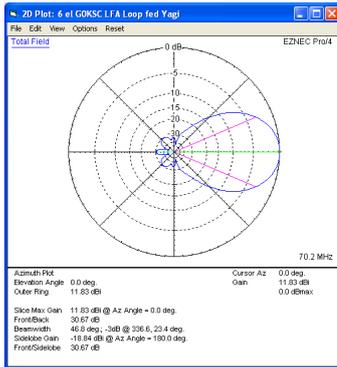


# 70MHz Yagis (all): 6 element 70MHz LFA Yagi



Sales price £299.95

Sales price without tax £249.96

Tax amount £49.99

A 6 element low-noise LFA Yagi



## Description

### A 6 element 70MHz low-noise 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.** If you suffer with noise or are in a city location, this is the antenna for you. This compact 6 element 70Mhz LFA provides stunning performance across the whole 4m band (69.950 - 70.500MHz). Hard to beat with a direct 50 Ohm feed-point and no matching losses!!

### Performance

**Gain:** 11.83dBi @ 70.200MHz

**F/B:** 30.67dB @ 70.200MHz

**Peak Gain:** 11.88dBi

**Gain at 10m above ground:** 17.47dBi

**Peak F/B:** 30.88dB

**Power Rating:** 5kw

**SWR:** Below 1.1:1 from 69.950MHz to 70.700MHz

**Boom Length:** 4.883m

**Stacking Distance:** 4m

**2 Stacked Gain:** 14.65dBi

**2 Stacked F/B:** 30.63dB

### Specification

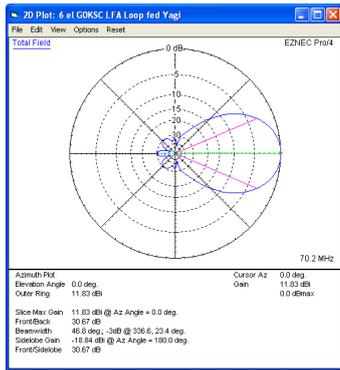
This antenna is made with single piece 3/8 inch (9.525mm) elements with a 1/2 inch (12.7mm) by 3/8 inch (9.525mm) adjustable feed loop section. The antenna has fully insulated elements which will ensure continuous, high performance for many years to come. Boom to mast brackets are included with all antennas which will support 2 inch (50mm) masts. Boom is 1.25 inch square 16SWG aluminum, **no guys required.**

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.

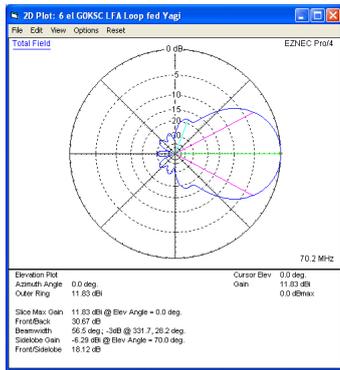
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- Marine grade Stainless Steel Fittings\*
- Original Stauff Insulation clamps
- Mill finished boom and elements for highest levels of accuracy

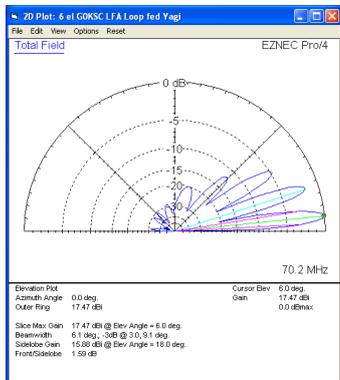
No figures are made up here as they are in some Ham Radio adverts, all performance figures are verified in the very latest software simulation packages with some antennas being professionally confirmed on an antenna range.



**Azimuth Plot**

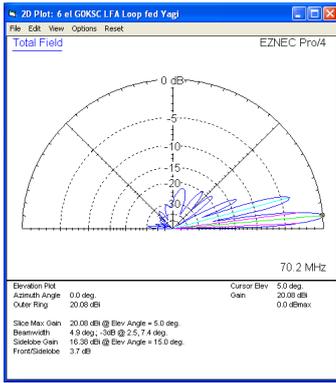


**Elevation Plot**

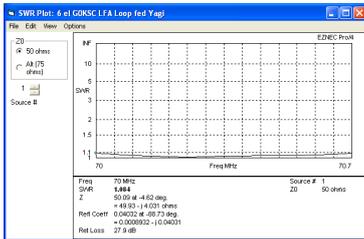


**1 x 6el LFA 10m above ground**

# 70MHz Yagis (all): 6 element 70MHz LFA Yagi



2 x 6el LFA 4m apart with the bottom antenna 10m above ground



SWR

Manufactured the right way, not the cheapest way!

\* Where possible marine grade stainless steel components are used.