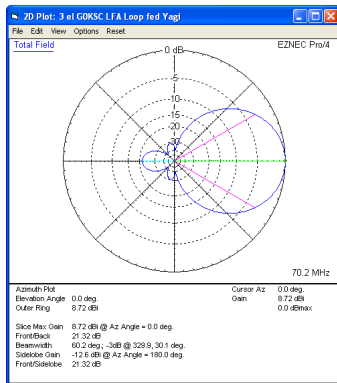
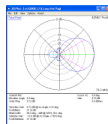


70MHz Yagis (all): 3 element 70MHz LFA Yagi



A low-noise 70MHz LFA Yagi



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 3 element 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**. This compact 3 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 and suppression of unwanted noise !!

Performance

Gain: 8.72dBi @ 70.200MHz

F/B: 21.32dB @ 70.200MHz

Peak Gain: 8.76dBi

Gain 10m above ground: 14.43dBi

Peak F/B: 21.55dB

Power Rating: 5kw

SWR: Below 1.3:1 from 69.950MHz to 70.500MHz

Boom Length: 1.4m

Stacking Distance: 1.6-2.3m

2 Stacked Gain: 11.26dBi

2 Stacked F/B: 20.04dB

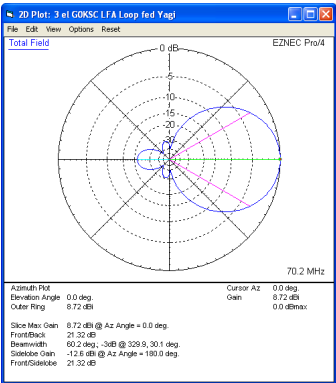
REAR MOUNT AVAILABLE UPON REQUEST AND REQUIRED FOR VERTICAL MOUNTING

Specification

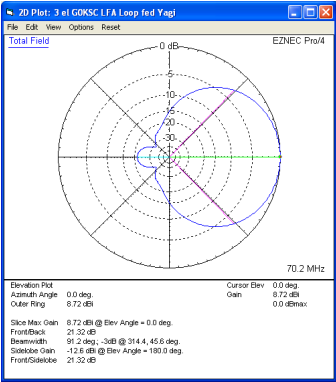
This antenna is made with single piece (2 piece outside of the UK) 1/2 inch (12.7mm) elements with 3/8 inch (9.525mm) diameter loop end sections. The antenna has fully insulated elements which will ensure continuous, high performance for many years to come. Boom to mast brackets are included with all antennas which will support 2 inch (50mm) masts. Boom is 1.25 inch square 16SWG aluminum.

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, this ensures they work as well as our software model predicts.

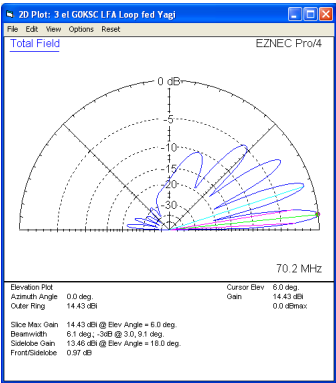
- Marine grade Stainless Steel Fittings
- Original Stauff Insulation clamps
- Mill finished boom and elements for highest levels of accuracy



Azimuth Plot

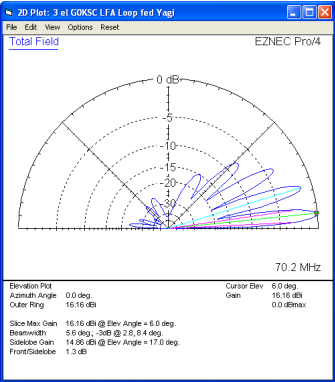


Elevation Plot

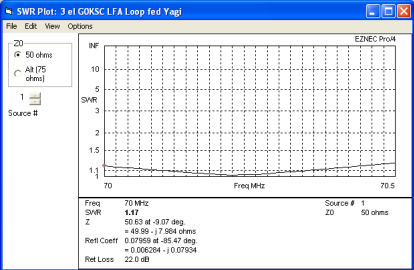


70MHz Yagis (all): 3 element 70MHz LFA Yagi

Single 3 element LFA up 10m above ground



2 x 3 el LFA Yagi 1.6m apart with the bottom antenna 10m above ground



SWR

Manufactured the right way, not the cheapest way!

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