

A 9 element 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](http://www.dxengineering.com) - [www.wimo.com](http://www.wimo.com)

### A Super High Gain 70MHz LFA Yagi optimised for DX 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**. If you suffer with noise or are in a city location, this is the antenna for you. This 9 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!!

This is an excellent stacker requiring just 6.5m spacing. See details below.

## Performance

**Gain:**14.72dBi @ 70.200MHz

**Gain at 10m above ground:** 20.20dBi

**F/B:** 25.43dB @ 70.200MHz

**Peak Gain (free space):** 14.76dBi

**Peak F/B:** 25.81dB

**Power Rating:** 5kw

**SWR:** Below 1.14:1 from 69.950MHz to 70.500MHz

**Boom Length:** 10.414m

**Stacking Distance:** 6.56m Vertically, 7.14m horizontally

**2 Stacked Gain:** 17.66dBi

**2 Stacked Gain 10m up above average ground:** 22.70dBi

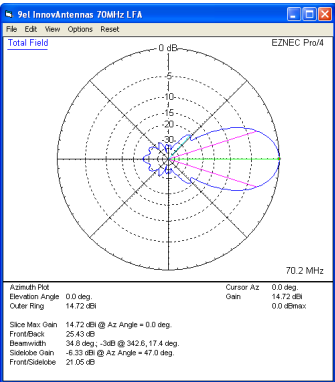
**2 Stacked F/B:** 26.76dB

## Specification

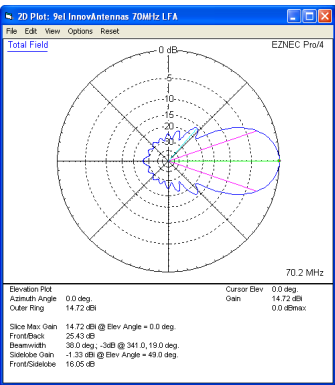
# 70MHz Yagis (all): 9 element 70MHz LFA Yagi

This antenna is made with single piece 1/2 inch 18swg T6 Aluminium tube. 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 1.5 inch square 16SWG aluminum **guys required and supplied.**

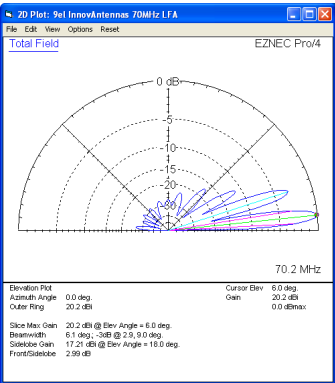
- Marine grade Stainless Steel Fittings\*
- Original Stauff Insulation clamps
- Mill finished boom and elements for highest levels of accuracy



Azimuth Plot

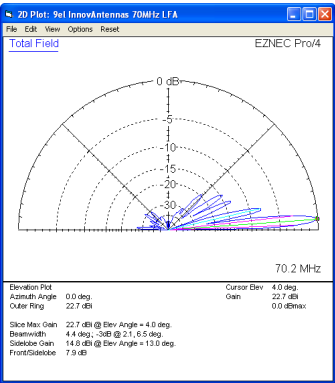


Elevation Plot

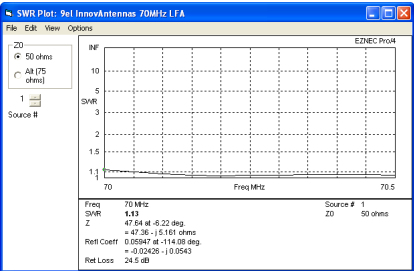


1 x 9el LFA at 10m above ground

70MHz Yagis (all): 9 element 70MHz LFA Yagi



2 x 9el stacked at 6.56m apart 10m above average ground



SWR

Manufactured the right way, not the cheapest way!

Where possible marine grade stainless steel fittings are used.  
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