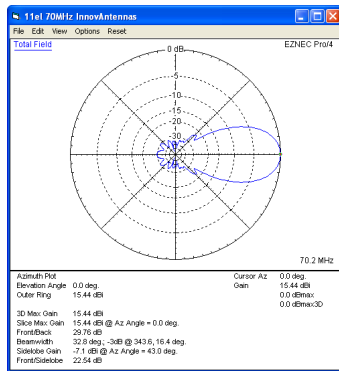


70MHz Yagis (all): 11 element 70MHz LFA Yagi



A 11 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 - 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 11 element 70Mhz LFA provides stunning performance across the whole 4m band (69.950 - 70.700MHz). 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: 15.44dBi @ 70.200MHz

Gain at 10m above ground: 20.90dBi

F/B: 29.76dB @ 70.200MHz

Peak Gain: 15.56dBi

Peak F/B: 31.11dB

Power Rating: 5kw

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

Boom Length: 13.739m

Stacking Distance: 6.5m Vertically, 7.410m horizontally

2 Stacked Gain: 18.24dBi

2 Stacked Gain 12m up above average ground: 23.27dBi

2 Stacked F/B: 32.65dB

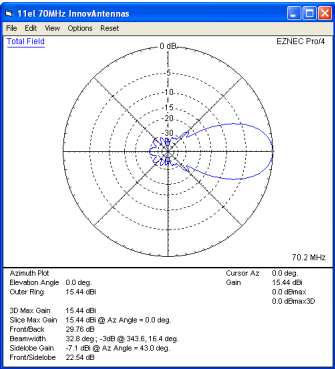
Specification

This antenna is made with single piece 1/2 inch 18swg T6 aluminium tube. The antenna has fully insulated elements which will ensure

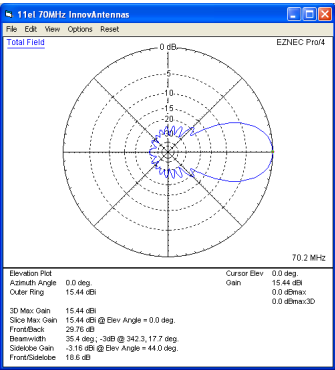
70MHz Yagis (all): 11 element 70MHz LFA Yagi

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 which has a 'double boom' center section. **Guys required and supplied along a support truss and stainless steel turnbuckles.**

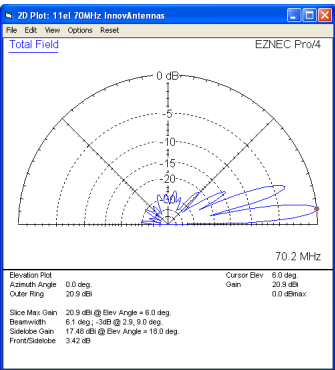
- Marine grade Stainless Steel Fittings*
- Original Stauff Insulation clamps
- Mill finished boom and elements for highest levels of accuracy



Azimuth Plot

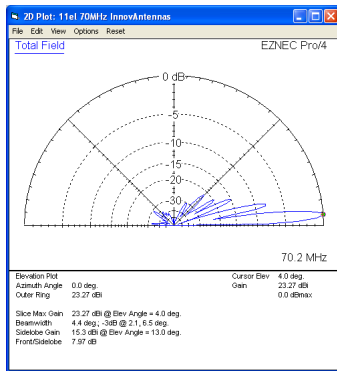


Elevation Plot

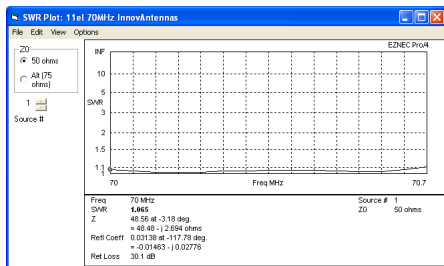


1 x 11el LFA at 10m above ground

70MHz Yagis (all): 11 element 70MHz LFA Yagi



2 x 11el stacked at 6.5m 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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