



A Wideband Low Noise 27MHz 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 2 Element 26.9-27.6MHz LFA2 (bent reflector) Yagi

The G0KSC LFA Yagi represents 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. Hard to beat with a direct 50 Ohm feedpoint and no matching losses and suppression of unwanted noise !! More information on the LFA Yagi can be found [here](#).

This 2 element LFA is an excellent option if you do not have space, **especially stacked !! 2 at just 5m spacing provide 14.6dBi** (when placed 10m above ground) and **around 28dB F/B!!**

**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. us for details.

### Performance

Gain: 6.55dBi @ 27.05MHz

F/B: 13.93dB @ 27.05MHz

Peak Gain: 6.88dBi

Gain at 11m above Ground: 11.32dBi

Peak F/B: 14.83dB

Power Rating: 5kw+

SWR: Below 1.5:1 from 26.900MHz to 27.500MHz

Stacking Distance: 4.5-6.0m ( 5.6m recommended)

2 Stacked Gain @ 5.5m spacing: 9.81dBi

2 Stacked F/B: 27.75dBi

2 Stacked Gain @ 5.5m Spacing 10m above ground: 14.92dBi

Boom Length: 1.45m

**Weight:** 3.48KG / 7.64LB

**Turning Radius:** 2.791m / 9.16ft

**Wind Loading:** 0.20 Square Metres / 2.16 Square feet

**Wind Survival:** 163KPH / 101MPH - **A 125MPH (HD) version available upon request**

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



### Specification

This antenna is made with 5/8 inch (15.88mm) centre elements and 1/2 inch (12.77mm) outer elements with the end sections 3/8 inch (9.525mm). 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.

**OTHER TAPER SCHEDULES ARE AVAILABLE IN THIS ANTENNA, CALL OR EMAIL FOR DETAILS**

Our antennas are constructed with the best quality materials in order 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.

Note: much development time has gone into our antennas, not just on basic electromagnetic design. We are ab  
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