



A low-noise 5el 50MHz LFA-3 third generation G0KSC Yagi 2018 model



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 5 element low-noise LFA-3 third generation LFA Yagi designed by G0KSC - **2018 model!**

A MASSIVE 12dBi Gain from a 5 element 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.** The 5 element 50Mhz LFA-3 provides stunning performance across the important section of the 6m band (50.00 - 50.300MHz) with excellent gain levels for its size. the LFA-3 is a result of many years of optimisation honing resulting in a wide-spaced Yagi with all the associated benefits of the original LFA with higher gain per foot of boom!

Performance

Gain: **12.02dBi** @ 50.150MHz

F/B: **24.63dB** @ 50.150MHz

Peak Gain: 11.8dBi

Peak F/B: 29.1dB

Power Rating: **10kw+**

SWR: Below 1.1:5 from 50.00MHz to 50.300MHz

Stacking Distance: 6.6m recommended

2 Stacked Gain @ 6m spacing: **14.93dBi**

2 Stacked F/B: 22.71dB

2 Stacked Gain @ 6.60m Spacing 10m above ground: 19.95dBi

Boom Length: 6.22m

Weight: 6.95Kg / 15.4LB

Turning Radius: 3.1m / 10ft

Wind Loading: 0.25 Square Metres / 2.75 Square feet

Wind Survival: 176KPH / 110MPH

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

Specification

This antenna is made with **16mm** centre elements that have **13mm** diameter outer tip sections. the boom is made from **40mm** square tube with a wall thickness of **2mm**, a boom guy is supplied. 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.

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.

Note: Much development time has gone into our antennas, not just on basic electromagnetic design, we are able to model the effect of insulators, booms and other objects to ensure the make up of our antennas have least effect on performance and pattern degradation. More information can be found [here](#)

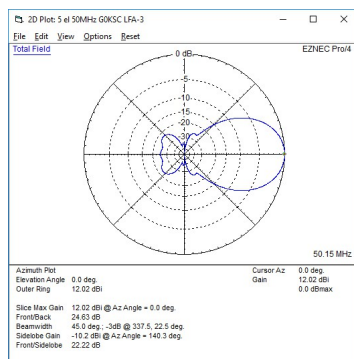
- **Marine grade Stainless Steel Fittings**
- **Original Stauff Insulation clamps**
- **Mill finished boom and elements for highest levels of accuracy**



4 x 5el LFA-3 @ KD7DCR

If you require a full stacked system, InnovAntennas can supply all cable, H-frames and everything you need for a turnkey solution. Contact sales 'at' innovantennas.com

4 x 6el LFA-3 on 8.2m booms @ TF3ML



Azimuth plot of the 5el 50MHz LFA-3

Manufactured the right way, not the cheapest way!
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