



4 element 70MHz Yagi, 4m Yagi - high gain - LFA-R for the 70MHz 4m band



### 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 4 element 70MHz High Gain Yagi - The unique LFA-R from InnovAntennas! **LFA-R Yagi**

The LFA-R from InnovAntennas does away with the traditional reflector element for more gain per metre of boom!

See a review of this antenna [HERE!](#)

If it is **GAIN** you want from a small boom, this is the antenna for you! Wow, Super compact boom!!

Another impressive design from G0KSC, 'The Yagi has been InnovAted!' The LFA-R is a very high gain, light weight Yagi designed for portable or home use. No F/B (front to back) is lost as a result of the reflector removal as computer optimisation of the driven loop and parasitic elements ensures both gain and F/B remain. The benefit being, the boom is shorter by the distance normally seen between the reflector and the driven element and as a result, you have more gain per metre of boom!

Features of the LFA-R include:

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

For more information This email address is being protected from spambots. You need JavaScript enabled to view it.

### Performance

**Gain:** 9.62dBi @ 70.2MHz

**F/B:** 19.68dB @ 70.2MHz

**Peak Gain:** 9.62dBi

**Gain 10m above ground:** 14.36dBi

**Peak F/B:** 20.01dB

**Power Rating:** 5kw

**SWR:** Below 1.4:1 from 70MHz to 70.5MHz

**Boom Length:** 1.98m

# 70Mhz LFA-R Yagi antenna high gain

- Loop Height: 50cms
- Weight: 3kg/8lbs
- Safe Wind Speed: 210Kph/130Mph
- Turning Radius: 1.69m/5.77ft
- Vertical Stacking: 2.75m

## Customer comment:

"Very nice...assembled and installed over the last two days - even though it arrived over night!

Performs extremely well - It replaced a MET 144 8T (remember them) that was about 20 years old - the gamma match had become unstable - suspect the trombone dielectric has aged/decayed.

This antenna has great FB like the MET but I think gain is very comparable and bandwidth far, far superior.

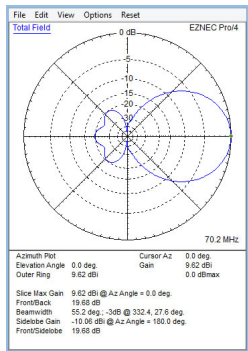
Thanks for the great service

Martin VE7MM/G4EZG"

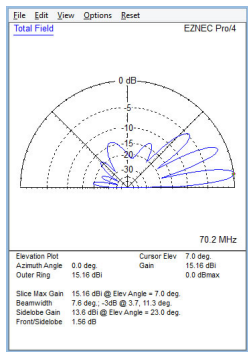
## Specification

This antenna is made with a 1/2 inch (12.7mm) and 3/8 inch (9.525mm) diameter tube for the LFA-Q and the boom sections are 3/4" 19mm diameter. **This antenna is not made cheaply, it is made to perform and to do so for many years with Marine Grade Stainless Steel fixings.**

No figures are made up here as they are in some Ham Radio adverts, all performance figures are verified in the very latest software simulation packages with some antennas being professionally confirmed on an antenna range.

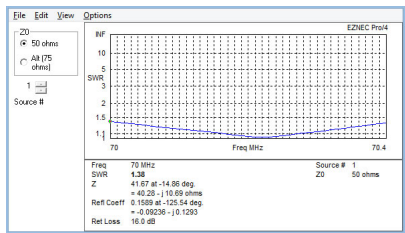


## Azimuth Plot



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## Elevation Plot 8m above ground



## SWR

## Manufactured the right way, not the cheapest way!

\* Where possible marine grade stainless steel components are used.  
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