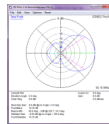


**Sales price £219.95**

Sales price without tax £183.29

Tax amount £36.66

A low noise high gain 50MHz LFA-Q Directional Loop Array Heavy Duty Version



## Description

### A 2 element Low Noise, High Gain Directional Loop array (LFA-Q)

The G0KSC LFA-Q possess all of the design traits InnovAntennas have become well-known for. Direct 50Ohm impedance (and hence no matching loss or pattern distortion), Minimal side lobes, High levels of Front to Back ratio (F/B) and Front to Rear ratio (F/R), and wide, flat bandwidth. However, the LFA-Q stands out for two more major benefits. High levels of forward gain and its' extremely rugged design which make it ideal for installation where harsh weather conditions are commonplace.

If you want the absolute best performance from minimal boom length and require performance that is available in any weather conditions or simply want something a little different, then the LFA-Q could be the one for you!

### Performance

**Gain:** 6.8dBi @ 50.150MHz

**F/B:** 16.35dB @ 50.150MHz

**Peak Gain:** 6.83dBi

**Peak F/B:** 16.55dB

**Power Rating:** 5kw+

**SWR:** Below 1.2:1 from 50.00MHz to 50.400MHz

**Stacking Distance:** 2.5-3.75m ( 3.5m recommended)

**2 Stacked Gain @ 3.5m spacing:** 10.23dBi (free space)

**2 Stacked F/B:** 18.23dB

**2 Stacked Gain @ 3.5m Spacing 15m above ground:** 15.9dBi

**Boom Length:** 75cms (Rear mounting) distance between elements 41cms

**Weight:** 2.76Kg /9LB

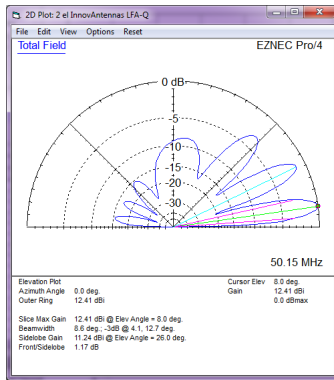
**Turning Radius:** 1.65m / 5.5ft

**Wind Loading:** 0.15 Square Metres / 2.15 Square feet

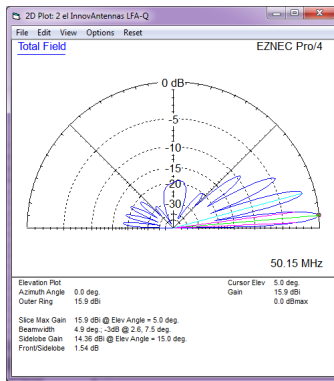
**Wind Survival:** 250KPH+ / 180MPH



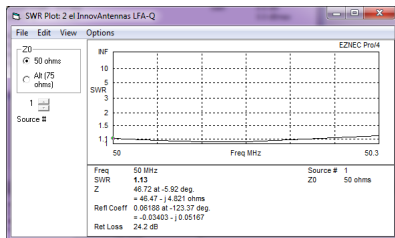
# 50MHz Yagis (all): 2 element 50MHz LFA-Q Yagi (0.4m) HD



Single 2 element LFA up 10m above ground



2 x 2 el LFA Yagi 7m apart with the bottom antenna 15m above ground



SWR



A 2el 50MHz LFA-Q

Manufactured the right way, not the cheapest way!

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