



A Super High Gain Quad-style beam antenna for 27Mhz 20KW+ High Power Beam!



## 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 27-28MHz (500Khz sections) LFA-Q Quad-style beam antenna High Power Beam, 20KW+ power handling. Second Generation LFA Yagi !**

The G0KSC LFA-Q beam antenna provides a new slant on the proven quad style beam antenna. The LFA-Q is a super-strong, super-rigid Quad which provides very high levels of gain for it's size, 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 due to the closed loop system.

**The only 11m beam that handles 20KW+ out of the box, the LFA-Q is your one stop shop for QRO antennas!**

The LFA-Q deploys 2 x 1.25" square booms, one at the top of the structure and one at the bottom, which enable the antenna to be ultra-rigid and stand up to extreme weather conditions such as severe ice and wind loading.

**This 2 element LFA-Q is an excellent option if you do not have space, especially stacked !! 2 at just 7m spacing provides 15.21dBi (when placed 10m above ground)!!**

**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. e-mail address is being protected from spambots. You need JavaScript enabled to view it us for details.

**This from Barry 26TM733:**

*"I just wanted to update you on the antenna you made for me, (2el LFA-Q) it seems to be performing very well indeed my old beam was a 2 element delta loop from Maco and does work well and its hard to tell one from the other on receive without them side by side ive hit australia*

*,canada,brazil ,uruguay and plenty of europe in the last few days and ive had good reports from all ,What i can say already though is your antenna seems a lot more directional (its like a laser beam ,lol) and the side to side rejection is simply amazing both these points out perform the maco!"*



**The 2el LFA-Q @ 26TM733**

**"And this antenna is one of my best i ever had...and this i can say after 30min on air ?" - Marco 15-AT-111**





*"Justin just to let you know I have now completed my build and I am very pleased with the quality of aluminium and all the fittings this is now mounted on a clark scam 15m pump up mast and it looks great up in the air, very lightweight and easy to manage even on your own. Please see attached pic of my set up and I will certainly recommend this antenna to my club members keep up the excellent work and hope to here from you again soon*

*Peter  
29-IR-706"*

#### **Performance**

**Gain:** 12.1dBi @ 27.5MHz 10m above average ground

**F/B:** 19.86dB @ 27.5MHz

**Peak Gain:** 12.2dBi

**Peak F/B:** 24.44dB

**Power Rating:** 20kw+

**SWR:** Below 1.5:1 from 27.300MHz to 27.700MHz **(Can be adjusted for CW, SSB or mixture of both)**

**Stacking Distance:** 6.5-8m ( 7m recommended)

**2 Stacked Gain @ 9m spacing 10m above ground:** 15.28dBi

**2 Stacked F/B:** 17.25dBi

**Boom Length:** 0.747m

**Distance between booms:** 1.6m

**Weight:** 4.57KG / 10.1LB

**Turning Radius:** 2.19m / 7.2ft

**Wind Loading:** 0.27 Square Metres / 2.86 Square feet

**Wind Survival:** 184KPH

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