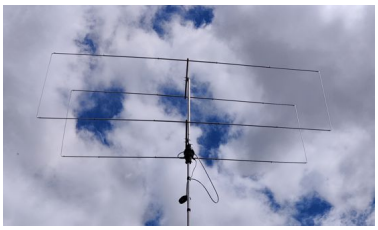

Sales price £329.95

Sales price without tax £274.96
Tax amount £54.99

A Super High Gain Quad-style beam antenna for 24Mhz

Description

A 2 element 24.8-25MHz LFA-Q Quad-style beam antenna - 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 LFA-Q deploys 2 x 1'' 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. Main element tubing is 3/4" to 5/8" to 1/2" with 3/8" loop end sections.

This 2 element LFA-Q is an excellent option if you do not have space, especially stacked !! 2 at just 8m spacing provides 15.49dBi (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.

Performance

Gain: 6.96dBi @ 24.92MHz

F/B: 20.23dB @ 24.92MHz

Peak Gain: 7.0dBi

Gain at 12m above Ground: 12.36dBi

Peak F/B: 20.83dB

Power Rating: 15kw+

SWR: Below 1.3:1 from 24.80MHz to 25.00MHz

Stacking Distance: 7-10m (8m recommended)

2 Stacked Gain @ 12m spacing: 10.54dBi

2 Stacked F/B: 18.1dBi

2 Stacked Gain @ 5.5m Spacing 10m above ground: 15.49dBi

Boom Length: 0.85m

Weight: 4.57KG / 10.1LB

Turning Radius: 2.75m / 9ft

Longest Element: 4.82m

Loop height: 1.8m

Wind Loading: 0.28 Square Metres / 2.99 Square feet

Wind Survival:184KPH / 115MPH

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

Customer comment on the LFA-Q:

"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