

# Spiderbeam 12m LAMCO Barnsley Fiberglass Pole Perfect For Portable Use SOTA



**Price: £109.95**

**SKU:** Spiderbeam 12m Pole LAMCO Barnsley

**In stock:** 4

**Product Categories:** [LAMMY'S SPECIAL PROMOTIONS](#), [HF ANTENNAS](#), [HF BASE ANTENNAS](#), [PORTABLE HF ANTENNAS](#), [SPIDERBEAM](#)

**Product Tags:** [Spiderbeam 12m fiberglass pole](#)

**Product Page:**

<https://www.hamradio-shop.co.uk/product/spiderbeam-12m-fiberglass-pole-amateur-radio-mast-hf-aerial-sota/>

## Product Summary

£109.95

## Product Description

Spiderbeam 12m LAMCO Barnsley Fiberglass Pole



**High strength professional telescopic fiberglass pole**

fully extracted length (height)  
12m (40ft)

transportation length  
1.18m (3ft 10")

weight

3.3kg (7lbs)

bottom diameter

55mm (2 1/6")

top diameter

8mm (1/3")

wall thickness

1.4mm - 2mm

(1/18" - 1/12")

number of segments

12

pole material

black fiberglass, UV protected

specialty reinforced multilayer winding

Spiderbeam Heavy Duty fiberglass poles are **perfect for building all kinds of wire antennas**.

A **single person** can easily put them up within **a few minutes**. Especially developed to make our portable equipment even more rugged and durable!

**These are extremely strong poles**, with a much greater wall thickness (up to 2mm!) than the usual "fishing rod" types. A special reinforcing winding technique - several layers of fiberglass are wound in alternating direction (criss/cross winding) - provides greatly increased lateral and linear strength. Stronger joints are achieved by a much larger overlap between the individual tube segments than usual.

Spiderbeam 12m Heavy Duty poles are very well suited for building **40/80/160m wire GP or inverted L antennas**. (Lee W9OY has built a beautiful 80/40m vertical using our poles: They can also easily support temporary lightweight **1 Element Quad or Delta loops** for 20-10m, and **dipoles for all bands**, especially when used with open wire feedline. (Most baluns would be somewhat heavy). 4-6 poles could be used to build **lightweight beams for 40 or 80m**.

Even the top segment is 8mm in diameter (and 1.4mm wall thickness), so the poles **can be used to their full 12m length** - unlike other poles where the top segment is very thin as a whip. During our tests we were able to put 80m inv vee dipoles (made from 1mm diameter enameled copper wire (AWG 18) and open wire feedline) **right at the top** of the 12m pole.. No way you can do this with a regular "fishing rod"! At 9-10m height, the poles can easily support **small VHF / UHF yagis**.

The best (and cheapest) wire to use for building such wire antennas (verticals, loops, dipoles etc.) is AWG 18 (= 1mm diameter) enameled copper wire or similar. Thin fishing monofilament (1mm diameter) or similar rope is very suitable for guy lines.

The first prototypes were tested Nov/Dec 2004 during 120km/h winds at the North Sea coast and performed just great! Since then, well over 3000 poles have been installed worldwide. **Get yours today** and enjoy outdoor radio with a professional heavy duty pole..

## Product Gallery

