

Cobweb two project

Components:

25mm x 25mm x 3mm (2 x 4m lengths required) You have to buy 2 x 6m lengths at £53.88 (cut down to 4m lengths) so for one Cobweb it would work out at £26.94 + VAT = £32.32, supplier: Engineering composites Chester (Phone 01244 676000)

1 1/4" sq 10 SWG x 1m (two 500mm lengths) £ 15.72

1 x STUB MAST/CENTRE INC MAST CLAMPS AND FEED ARM £20.00 (Sandpiper aerial technology Ltd)

2 x FT140-61 Ferrite Cores £ 8.05 (supplied by Chris Tredwell G8CHW -Mode Components)

3m RG316 coax £3.10 (Ebay)

32/0.2mm, 1 mm² x 40m pvc coated equipment wire (RS 356-943) £19.69 per 100m

20 x eyebolts 2.5x25mm (Rolson – 80 piece hook & eye bolt assortment box) £2.50

20 x PVC Cable Grommet, 4mm cable hole dia RS 543-197 (bag 100 £2.66)

ABS Box (Maplin N76BQ) £4.49

Square UHF (SO239) Chassis Socket PN/BW85G £1.89

Various other parts such as cable ties and cord for holding the ends of the dipoles in position etc will most probably be found in your tool box. As for joining the 5 sets of dipole ends to the ferrite in the terminating box I used two strips of plain copper clad PCB, one for each side of the dipole and soldered the wire ends to the to make a good electrical connection. Total Cost £100 approx

