

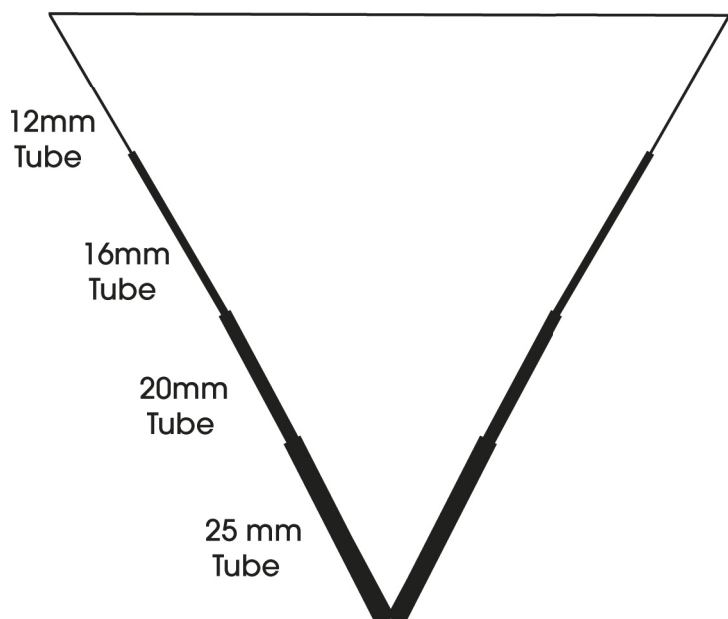
Delta Loop Technical Data - 11M5 Super Heavy Duty Based on the original Vortex Antenna Systems Design

Model: 11M5 Super Heavy Duty

Element and Boom Data

Top Wire Total Length = 375 cms

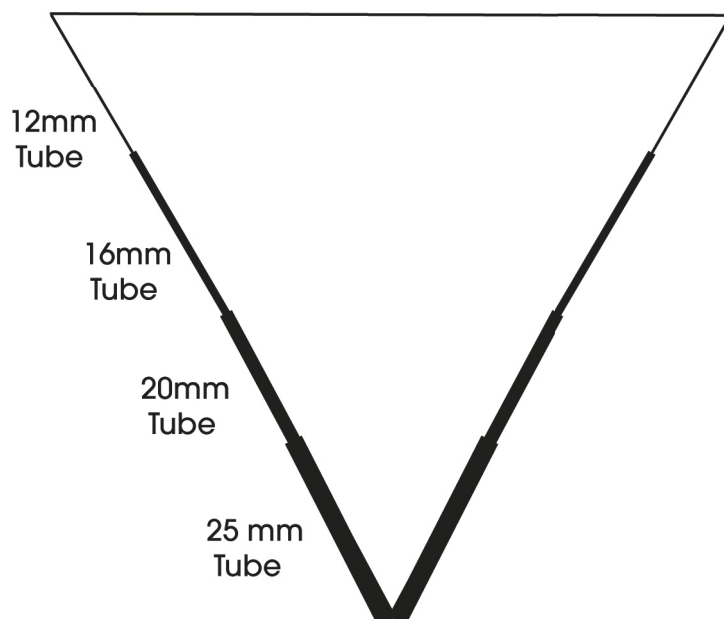
Approx physical length after allowing
for turnback on strain relief = 344 cms



Reflector Element

Top Wire Total Length = 375 cms

Approx physical length after allowing
for turnback on strain relief = 344 cms



Driven Element

Reflector Element Tubing Lengths

*25mm Tube = 125 cms
20mm Tube = 111 cms
16mm Tube = 100 cms
12.7mm Tube = 52 cms

Driven Element Tubing Lengths

*25mm Tube = 125 cms
20mm Tube = 111 cms
16mm Tube = 100 cms
12.7mm Tube = 38.5 cms

*** Linked at base with an 11 cms loop link wire**

Total Boom Length - approx = 970 cms

Reflector to Driver Spacing = 218 cms

Driver to Director #1 Spacing = 200 cms

Director #1 to Director #2 Spacing = 280 cms

Director #2 to Director #3 Spacing = 250 cms

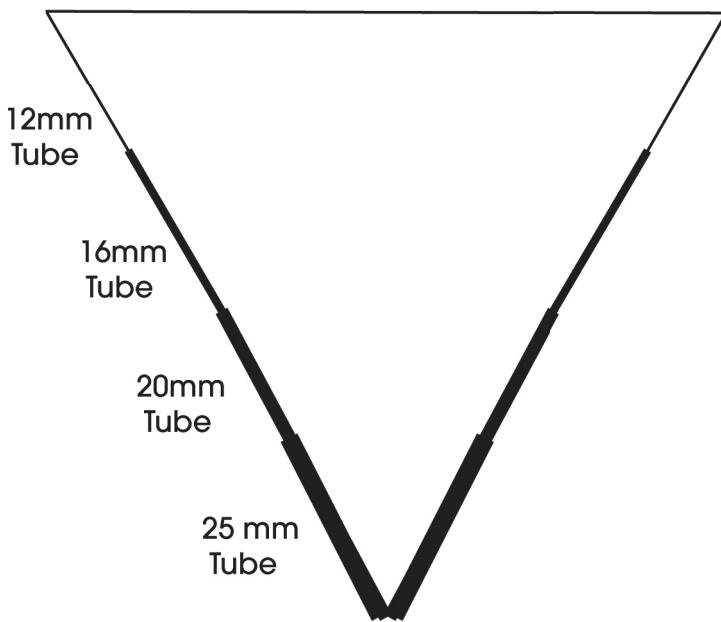
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Model: 11M5 Super Heavy Duty

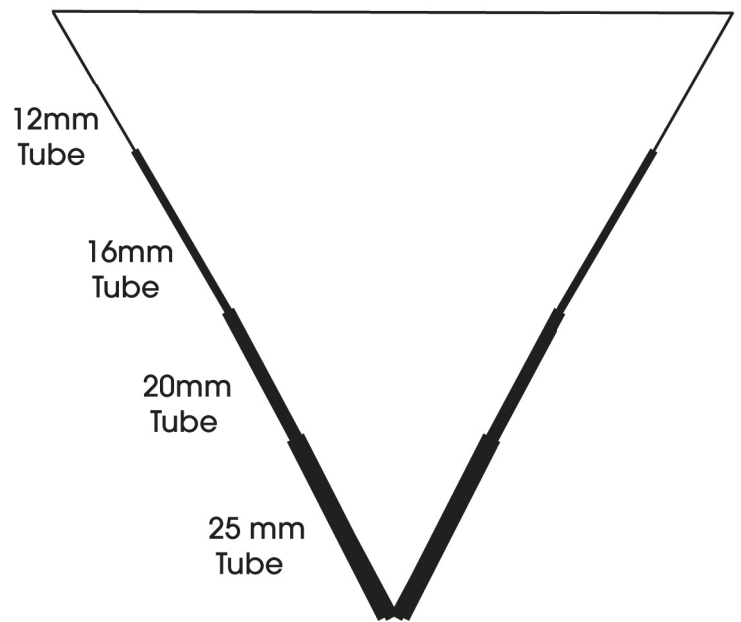
Element and Boom Data

Top Wire Total Length = 367 cms
Approx physical length after allowing
for turnback on strain relief = 336 cms

Top Wire Total Length = 364 cms
Approx physical length after allowing
for turnback on strain relief = 333 cms



Director #1 Element



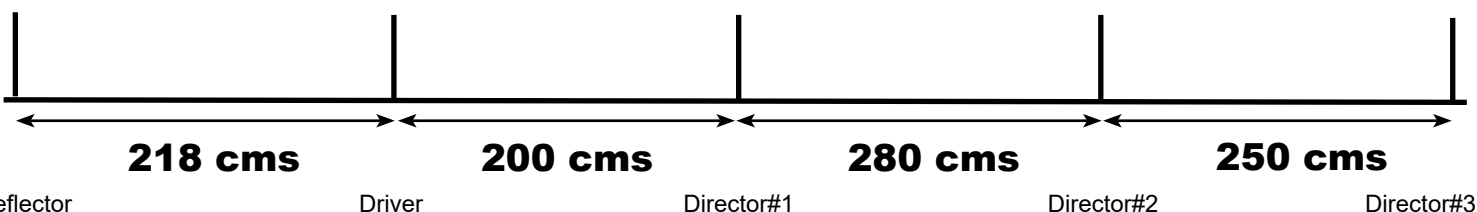
Director #2 Element

Director 1 Element Tubing Lengths	
*25mm Tube	= 125 cms
20mm Tube	= 111 cms
16mm Tube	= 84 cms
12.7mm Tube	= 34.5 cms

Director 2 Element Tubing Lengths	
*25mm Tube	= 125 cms
20mm Tube	= 111 cms
16mm Tube	= 91 cms
12.7mm Tube	= 34.5 cms

* Linked at base with an 11 cms loop link wire

BOOM



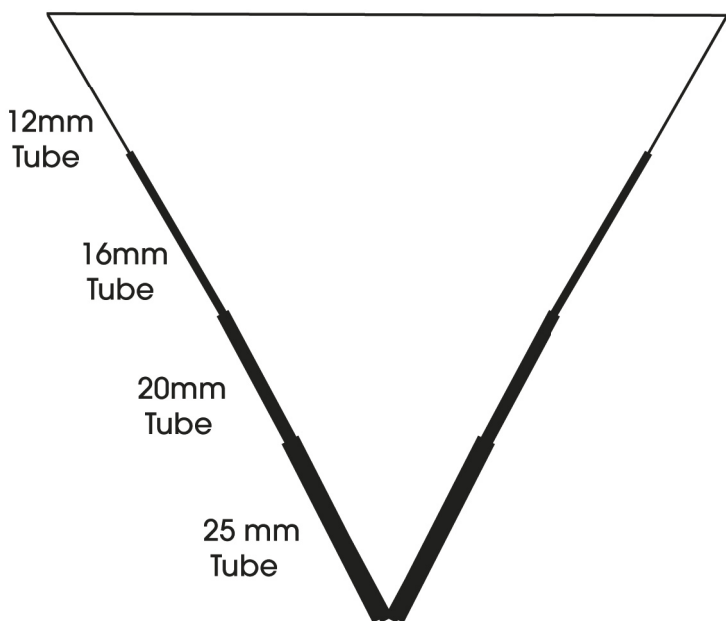
Delta Loop Technical Data - 11M5 Super Heavy Duty Based on the original Vortex Antenna Systems Design

Model: 11M5 Super Heavy Duty

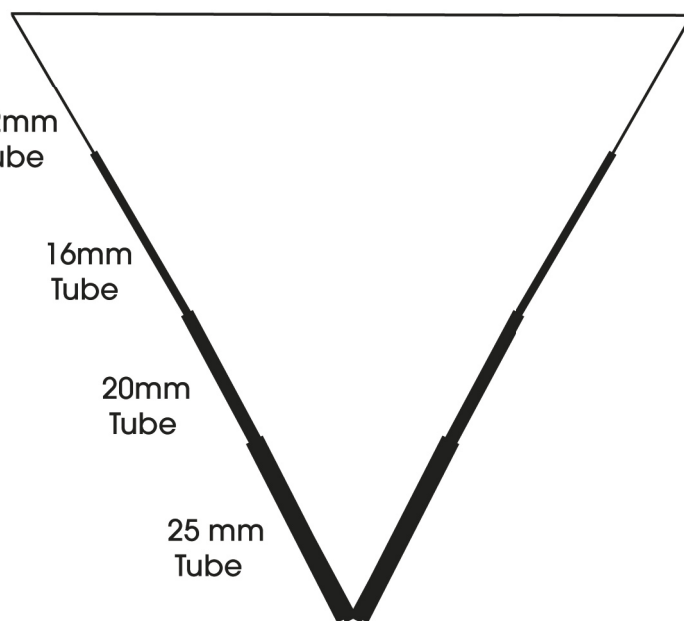
Element and Boom Data

Top Wire Total Length = 350 cms
Approx physical length after allowing
for turnback on strain relief = 319 cms

Top Wire Total Length = cms
Approx physical length after allowing
for turnback on strain relief = cms



Director #3 Element



N/A Element

Director 3 Element Tubing Lengths

- *25mm Tube = 125 cms
- 20mm Tube = 111 cms
- 16mm Tube = 89 cms
- 12.7mm Tube = 34.5 cms

XXX Element Tubing Lengths

- *25mm Tube = cms
- 20mm Tube = cms
- 16mm Tube = cms
- 12.7mm Tube = cms

*** Linked at base with an 11 cms loop link wire**

All top-wire are 2mm [12AWG] PVC coated Flexweave and measurements include the 'Strain Relief' mechanism to prevent breakage of the top-wires when under stress.
See separate sheet on how the strain relief works