

PRO.SIS.TEL.

Produzione Sistemi Telecomunicazioni

PST-4-306

Assembling instructios:

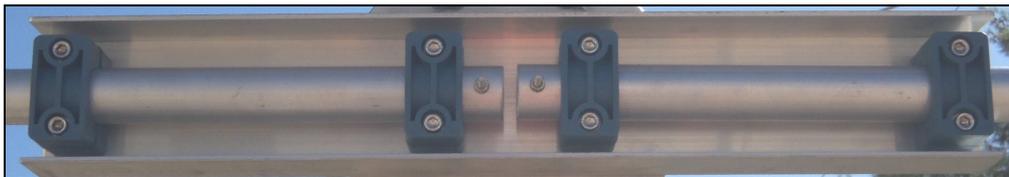
Opening the box you will find the elements tubes frames preassembled already. Pull tubes sections out and bolt them together as in the picture below. Make sure to have the round bolt head on the same side



Assembling the dipole the coil frame section has three holes, use the one at 5cm from the tube end. The other holes can be used for small tuning corrections. On the other side after the coil take place the end section.



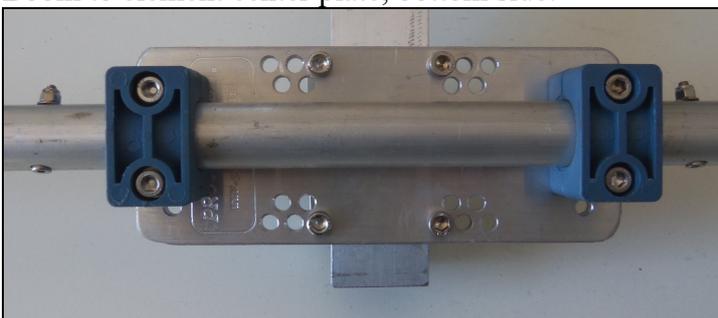
When both dipole arms are ready, install them in the central dipole holder as in the picture below.



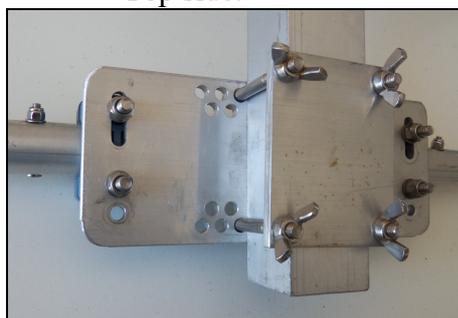
If you do not use balun, open the coax to get a short V ends and connect cable leads to the connection bolts. Make sure to seal the coax end.

After then the dipole is ready, procede to install the other antenna elements.

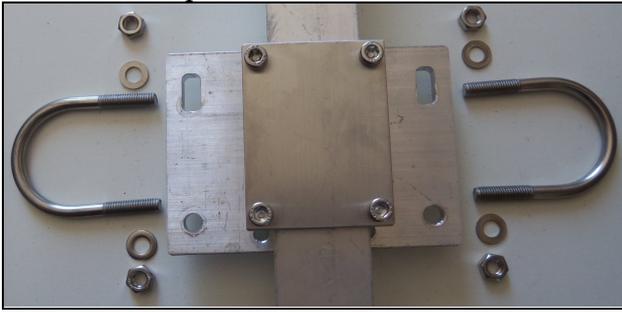
Boom to element center plate, bottom side:



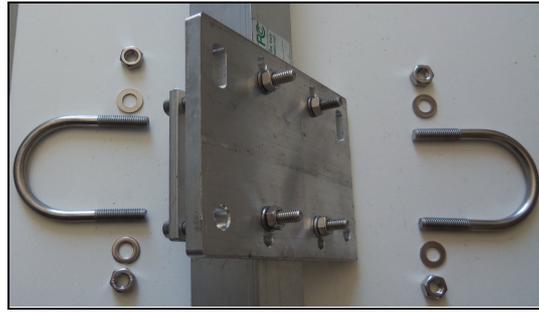
Top side.



Boom – Mast plate, front side



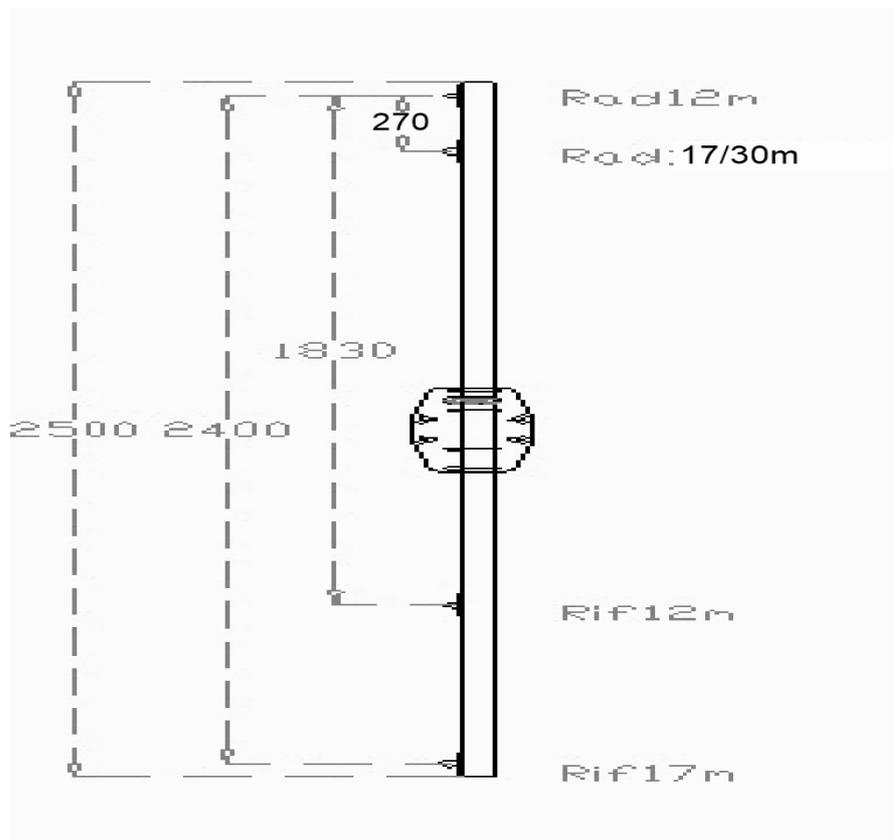
Rear side.



When completed, antenna will look like in the picture below with elements installed on the lower boom face.

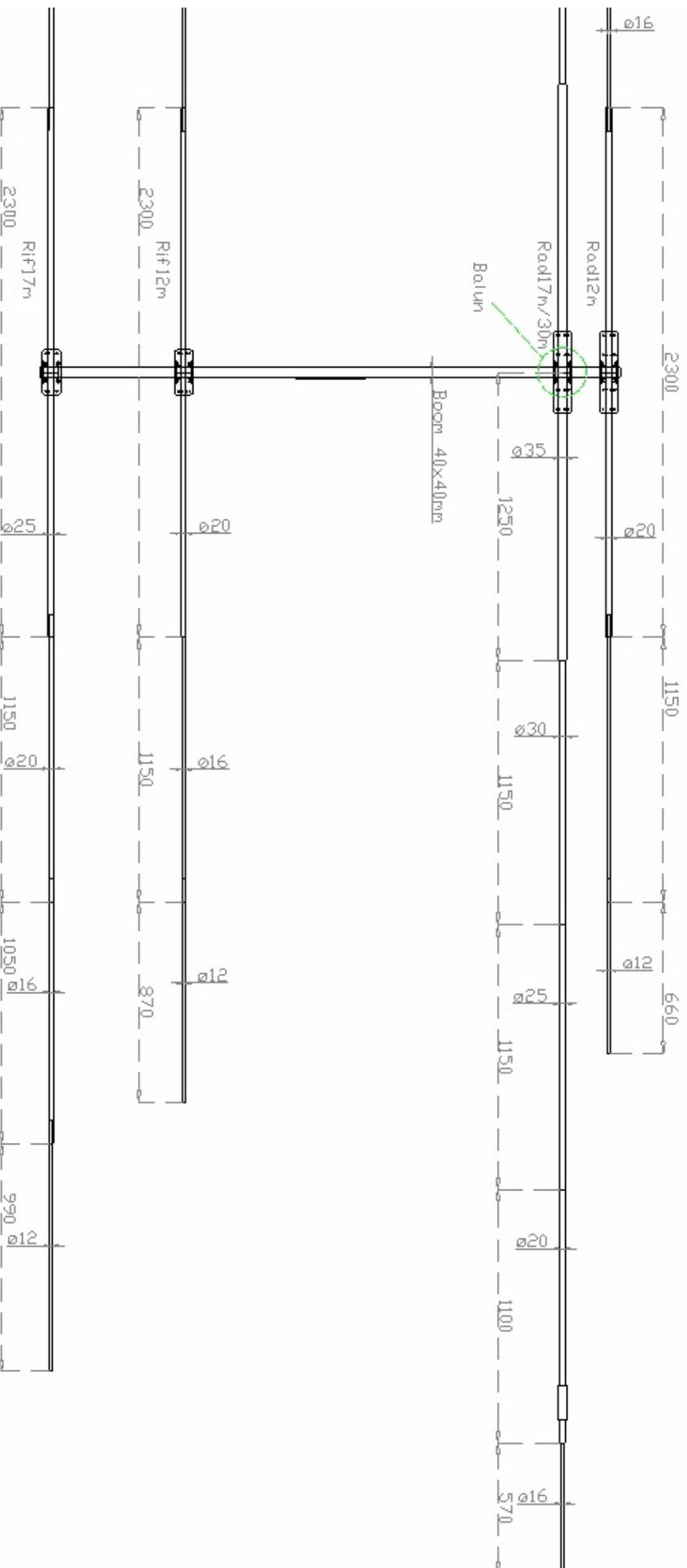


After the assembling operation is completed, make sure that all bolts are well in place. If installed above another HF antenna, make sure to have almost 1,5m of distance from the lower antenna.



Elements spacing

Front



Back

Specifications:

Features can be subject to changes it depends of the possible environmental influence.
If possible do no install it lower then 5m from the ground/roof.

6m, 30m

Gain = 0 dBd (free space)

F/B = 0 dBd (free space)

17m

Gain = 6 dBd (free space)

F/B = 12 dBd (free space)

SWR 18 - 18,3 = 1:1.2

12m

Gaing = 6,5dBd (free space)

F/B = 12 dBd (free space)

SWR 24.7 - 28.85 - 25 = 1,5 - 1 - 1,5

Impedence: 50 ohm (single coax)

Boom lenght = 2.5m

N. elements = 2+2

Accept 48-50mm mast

Radius 30m version = 4.55m

Weight = 15 Kg

Wind area = 0.3m²

Alluminum with stainless steel hardware.

Dear customer,

thank you for purchase a **Pro.Sis.Tel.** product. If you are happy with it please talk to everybody, if you are unhappy with it please talk with us.

Your feed back and suggestions, will be very appreciated, to improve our products.

**Annamaria Fiume
IK7MWR**

MADE IN ITALY

Protect your environment, in case of discontinuing of this unit, consign it to specialized metal waste collector.

