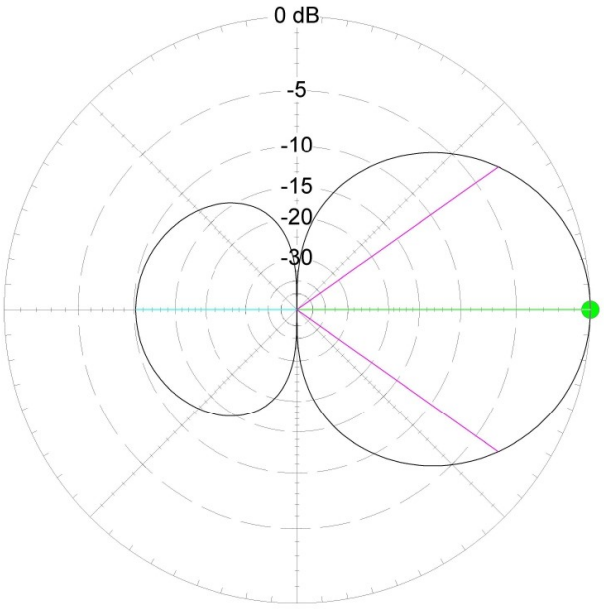
LOG50JXX1300

Item		Q.ty	Item		Q.ty
Stainless steel nut M6		8	Stainless steel bolt M3 x 6 mm		2
Lock washer 6 mm Ø		8	Stainless steel bolt M4 x 6 mm		4
Flat washer 6 mm Ø		8	Stainless steel bolt M6 x 65 mm		2
Flat washer 6 mm Ø Extralarge		2	U Bolt M6 x 60 mm & plate		3
Mast-Boom aluminum plate		1	Stainless steel parker screw 2.9 x 6.5		38
Mast-Boom isolator in Delrin		2	Semi - element Ø 10 mm		10
Section boom 25 mm Pre-assembled	150 cm	1	Semi - dipole Ø 8 mm		8
Section boom 30 mm	150 cm	1	Semi - dipole Ø 5 mm		18
Inbuss key	2.5 mm	1	Semi - dipole Ø 4 mm		2
Rope		2			

Total Field

EZNEC Pro/2+



Created by LPCAD 3.57 on 10-31

50 MHz

Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 5,59 dBi

Slice Max Gain 5,59 dBi @ Az Angle = 0,0 deg.
Front/Back 10,21 dB
Beamwidth 70,6 deg.; -3dB @ 324,7, 35,3 deg.
Sidelobe Gain -4,62 dBi @ Az Angle = 180,0 deg.
Front/Sidelobe 10,21 dB

Cursor Az 0,0 deg.
Gain 5,59 dBi
0,0 dBmax

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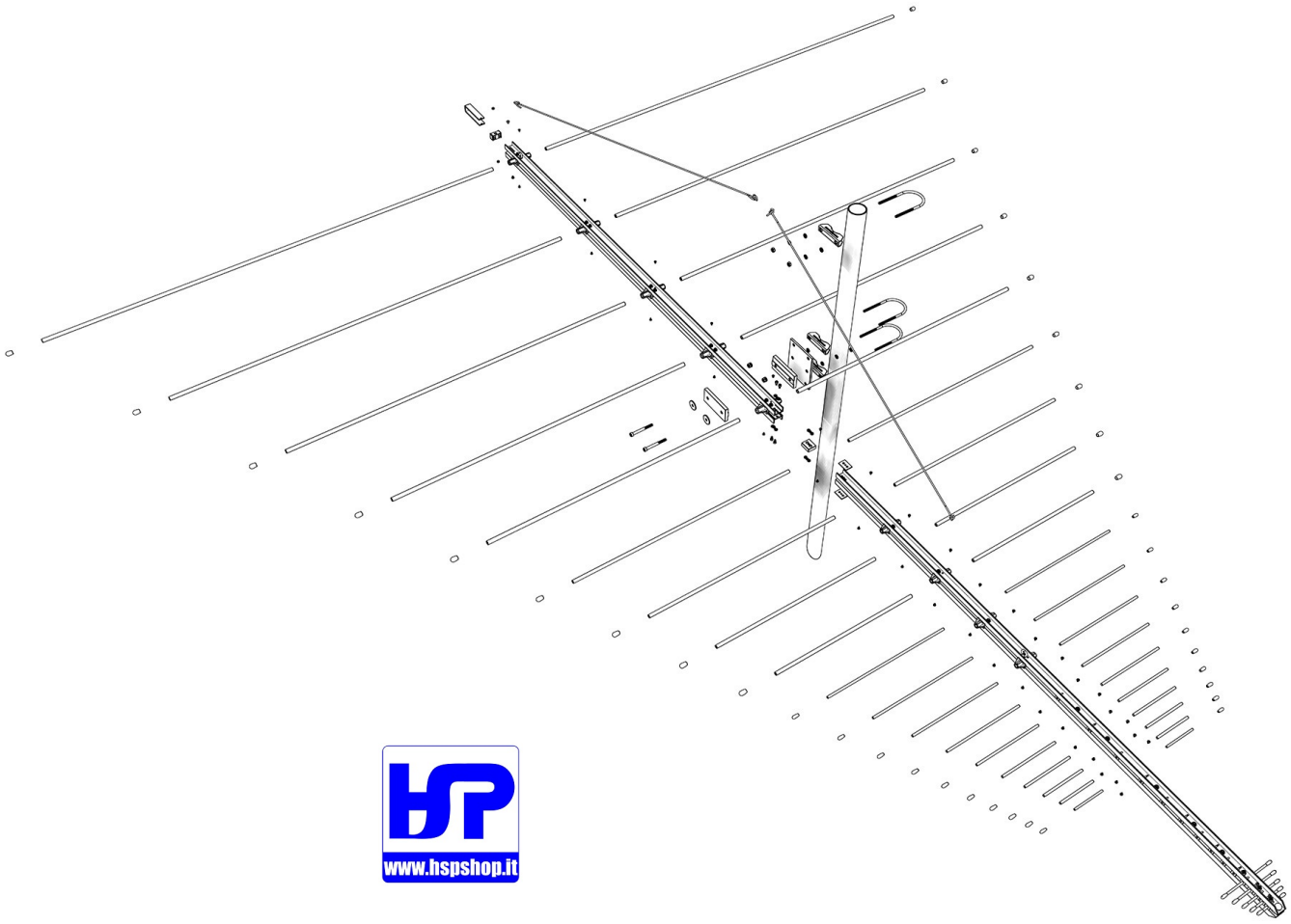
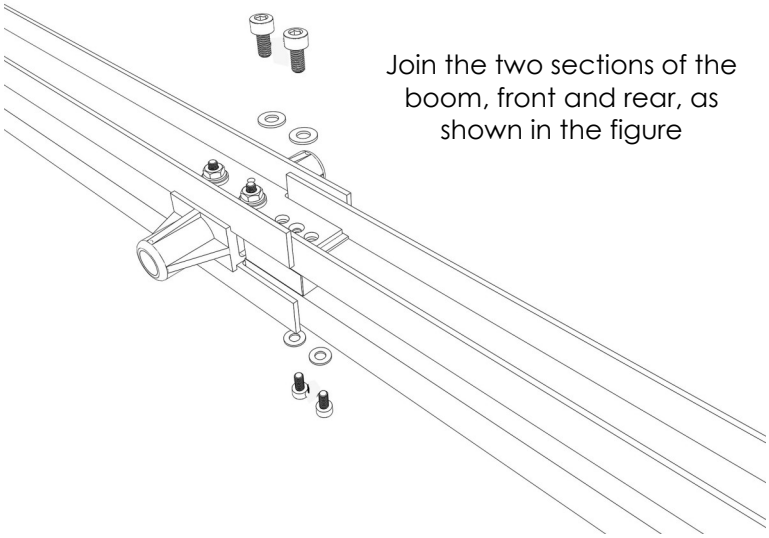
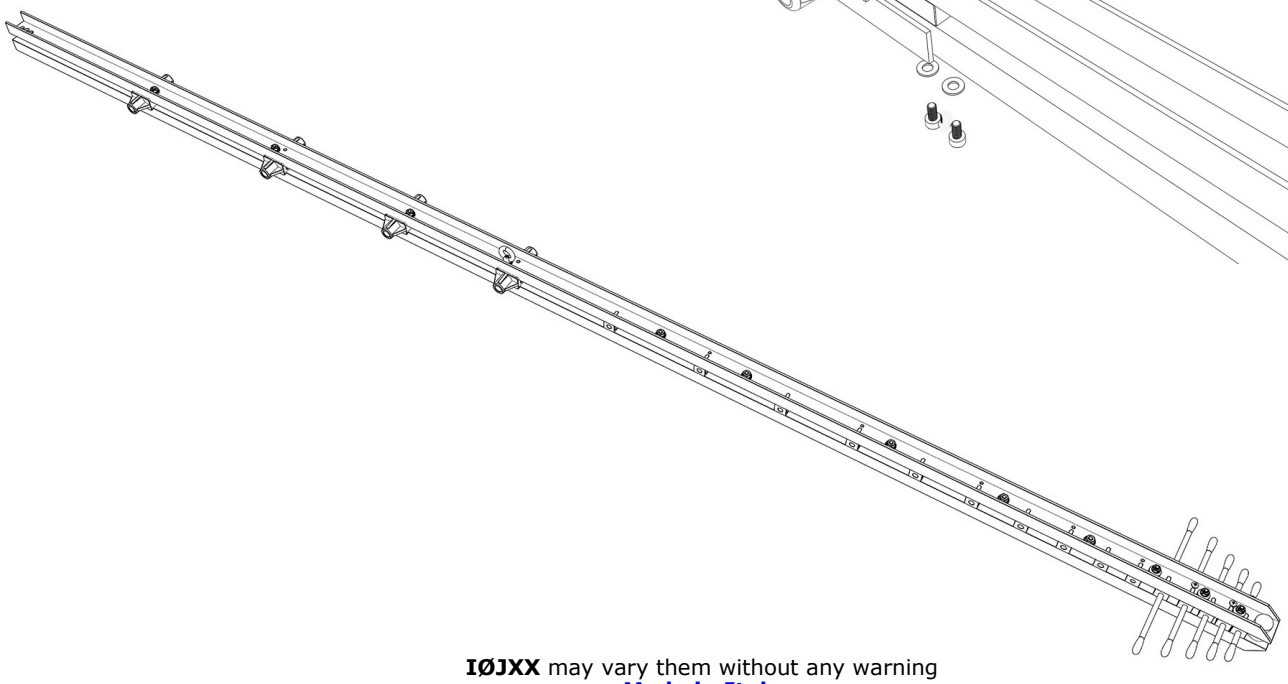
ASSEMBLY INSTRUCTIONS

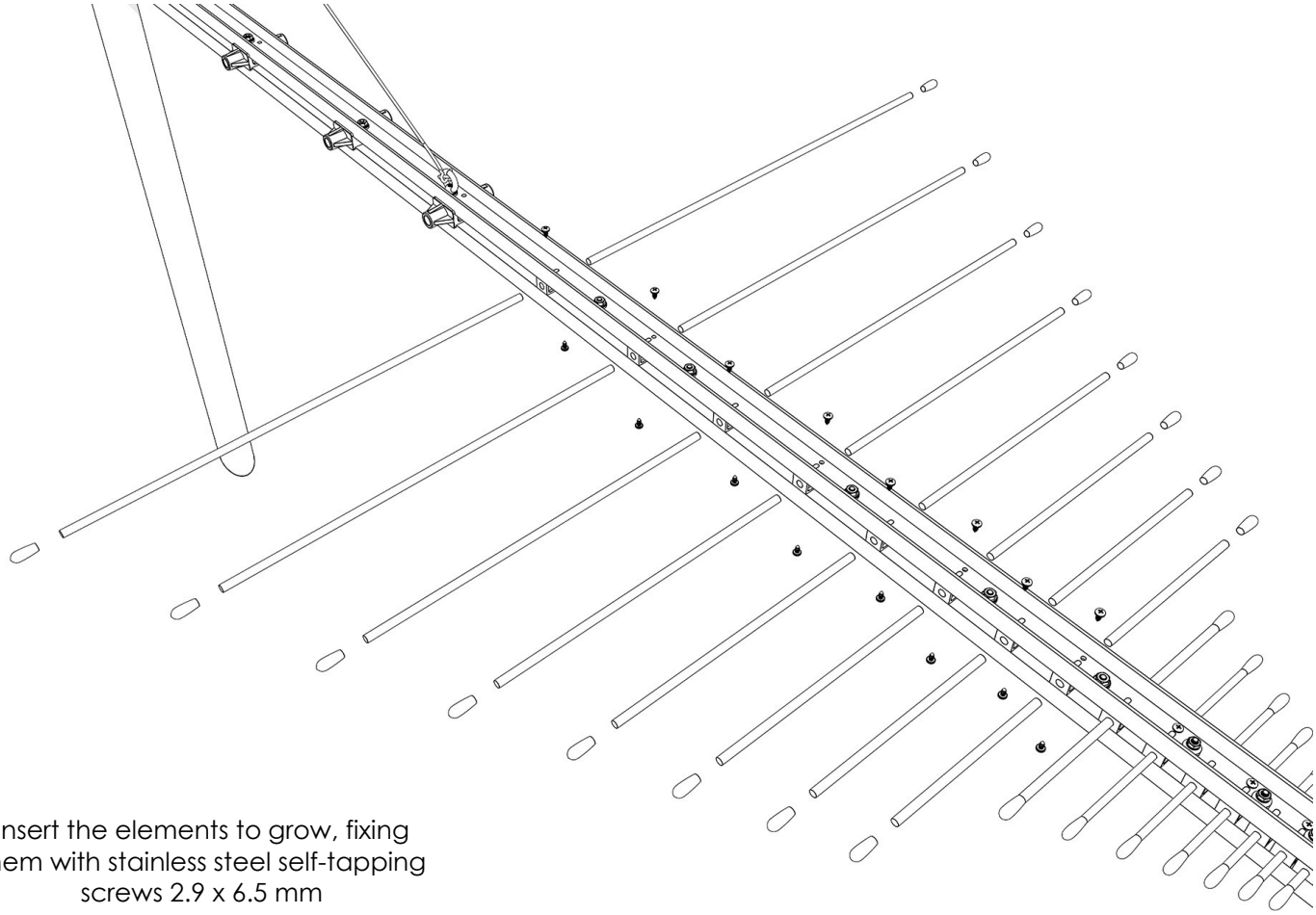




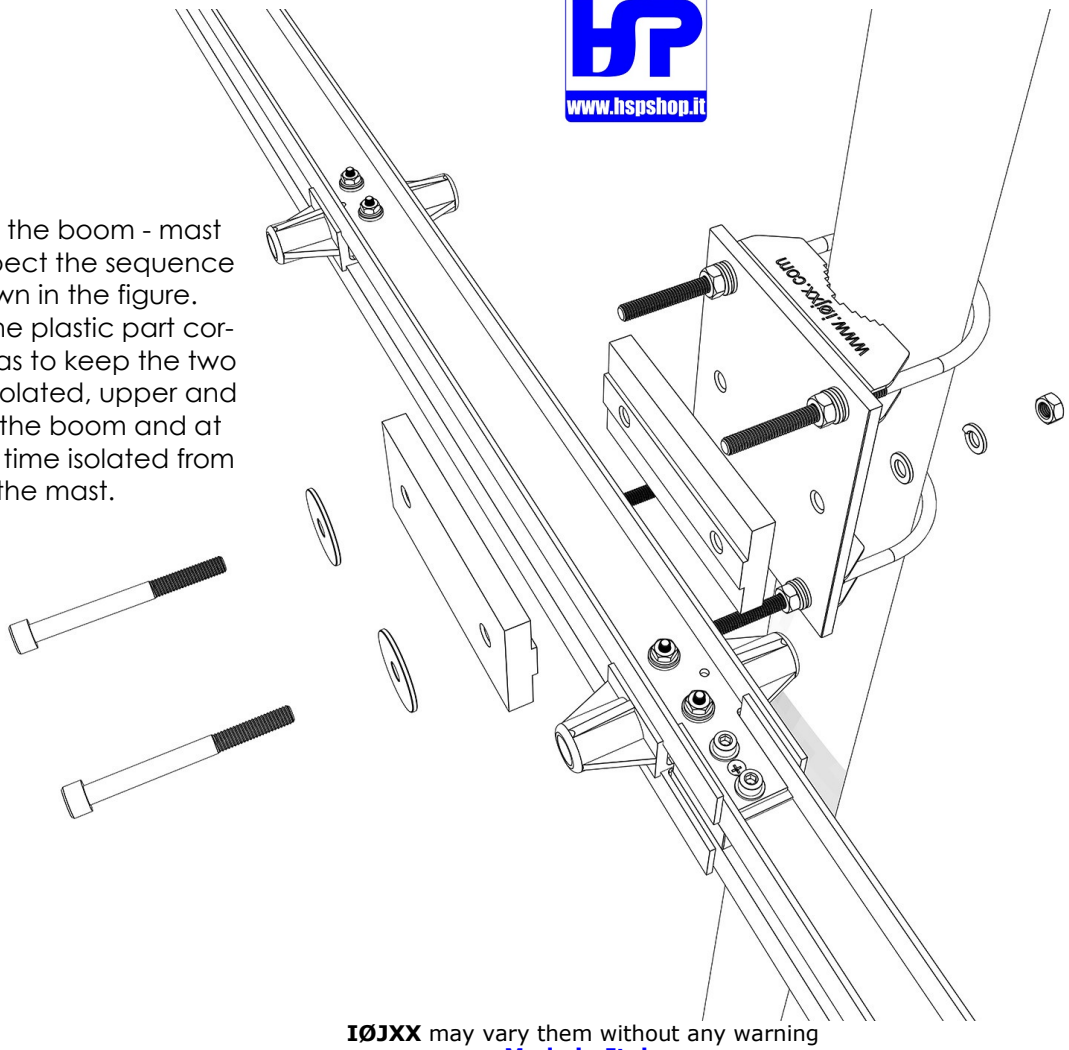
Join the two sections of the boom, front and rear, as shown in the figure



ASSEMBLY INSTRUCTIONS

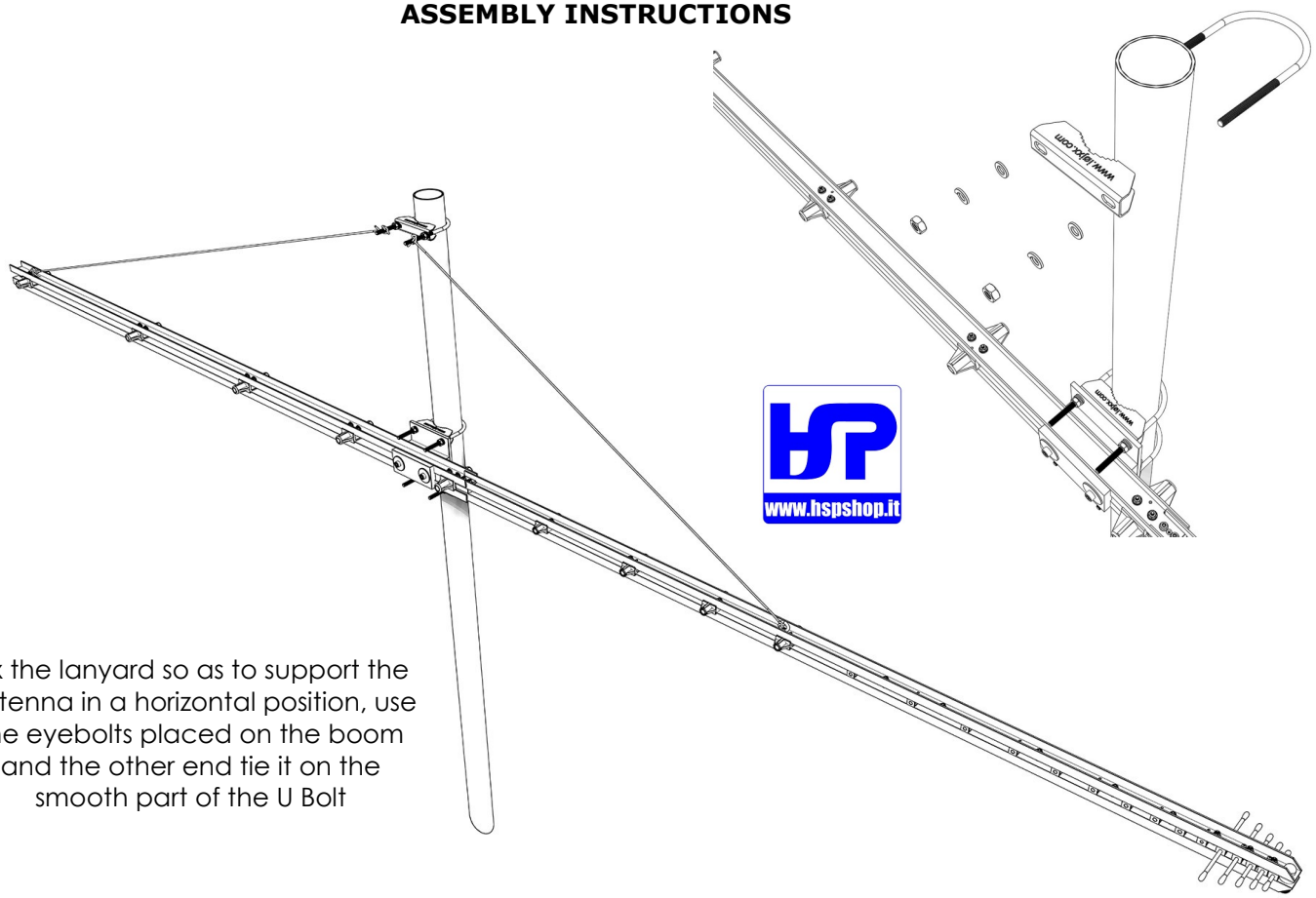


Insert the elements to grow, fixing them with stainless steel self-tapping screws 2.9 x 6.5 mm

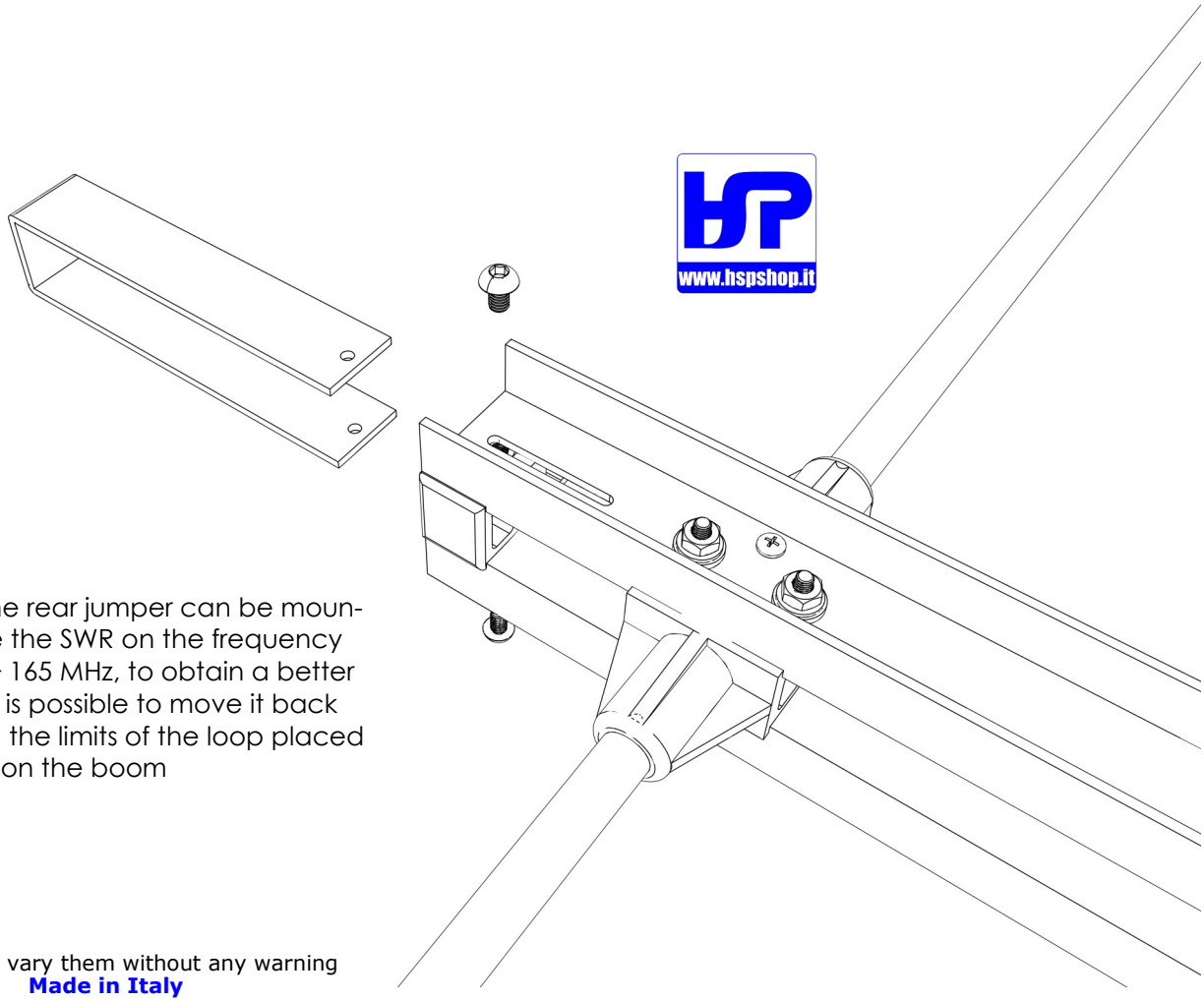


For fixing the boom - mast plate respect the sequence as shown in the figure. Position the plastic part correctly, so as to keep the two sections isolated, upper and lower of the boom and at the same time isolated from the mast.

ASSEMBLY INSTRUCTIONS



Fix the lanyard so as to support the antenna in a horizontal position, use the eyebolts placed on the boom and the other end tie it on the smooth part of the U Bolt



If "necessary" the rear jumper can be mounted to reduce the SWR on the frequency between 150 ÷ 165 MHz, to obtain a better adaptation it is possible to move it back and forth within the limits of the loop placed on the boom

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