



IØJXX di Donzello Rosanna

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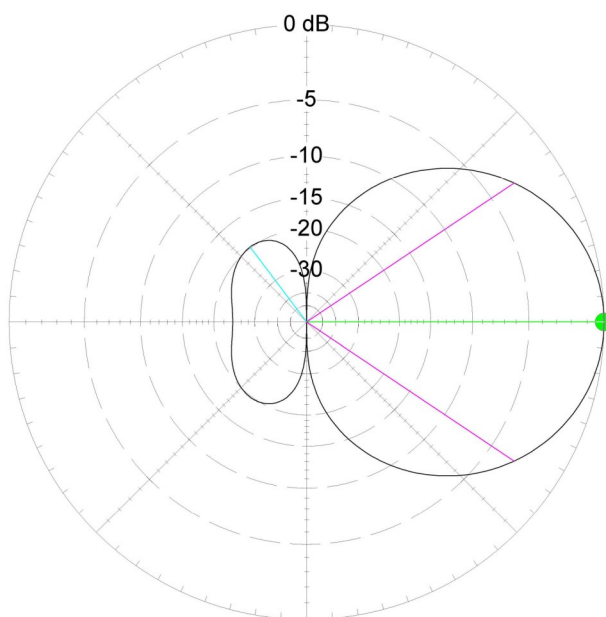
www.i0jxx.com - info@i0jxx.com

LOG100JXX1300

Item		Q.ty	Item		Q.ty
Stainless steel nut M6		6	Stainless steel bolt M3 x 6 mm		2
Lock washer 6 mm Ø		6	Stainless steel bolt M6 x 65 mm		2
Flat washer 6 mm Ø		6	U Bolt M6 x 60 mm & plate		2
Flat washer 6 mm Ø Extralarge		2	Stainless steel parker screw 2.9 x 6.5		30
Mast-Boom aluminum plate		1	Mast-Boom insulator in Delrin		2
Section boom 25 mm Pre-assembled	150 cm	1	Semi - element Ø 10 mm		14
Section boom 30 mm	150 cm	1	Semi - dipole Ø 5 mm		12
Inbuss key	2.5 mm	1	Semi - dipole Ø 4 mm		4

Total Field

EZNEC Pro/2+



LOG100JXX1300

110 MHz

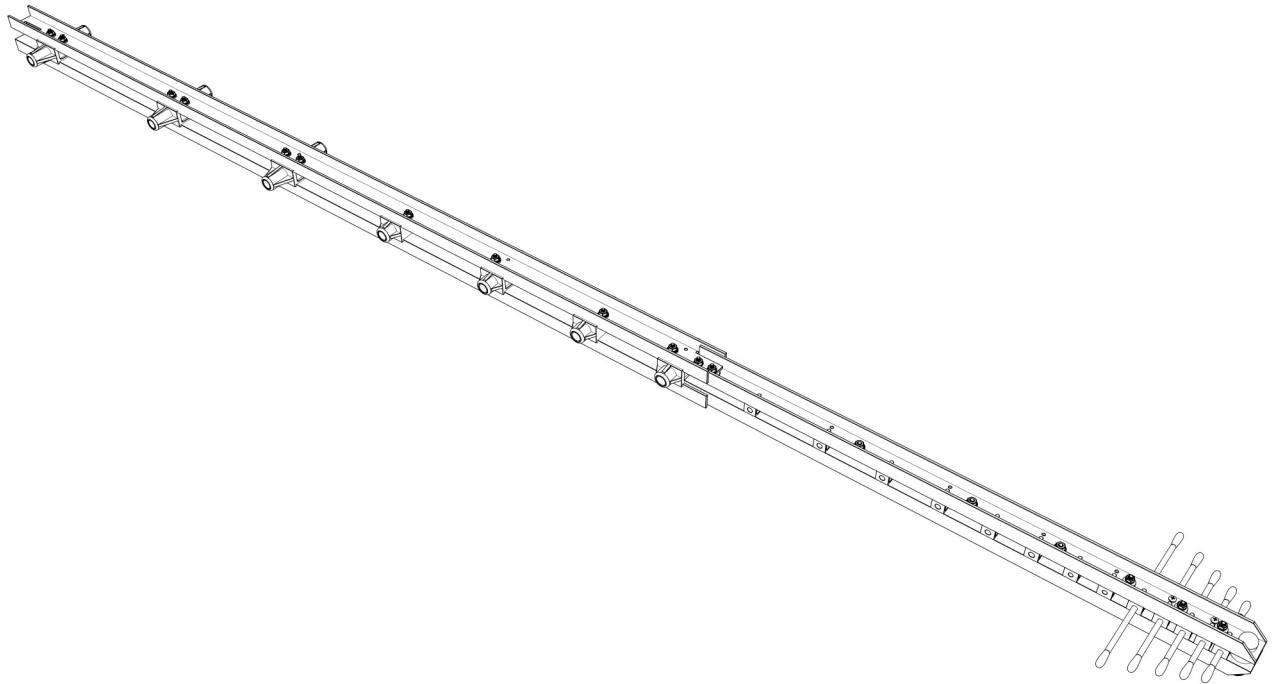
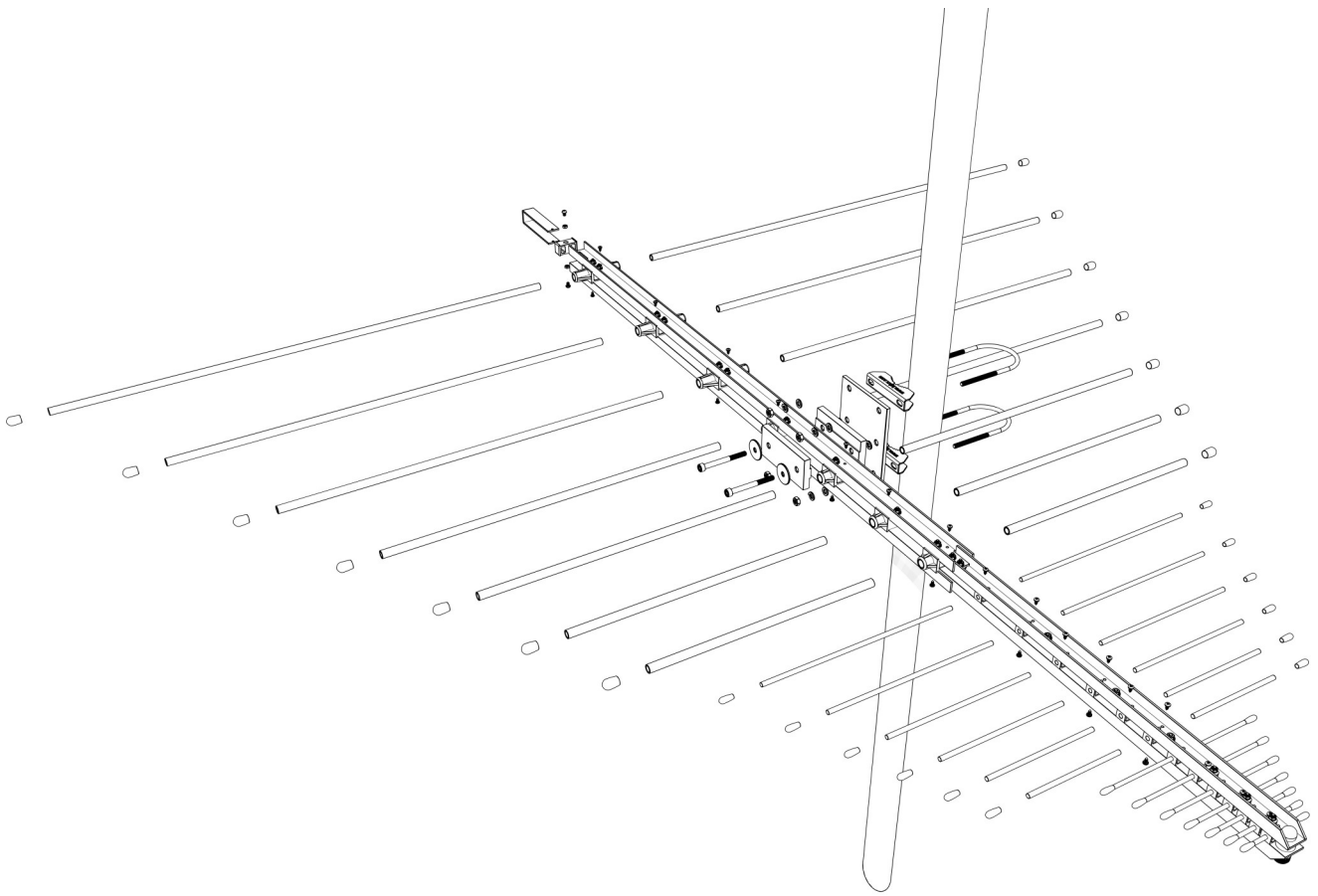
Azimuth Plot
Elevation Angle 0,0 deg.
Outer Ring 6,86 dBi

Slice Max Gain 6,86 dBi @ Az Angle = 0,0 deg.
Front/Back 23,94 dB
Beamwidth 67,6 deg.; -3dB @ 326,2, 33,8 deg.
Sidelobe Gain -12,94 dBi @ Az Angle = 127,0 deg.
Front/Sidelobe 19,8 dB

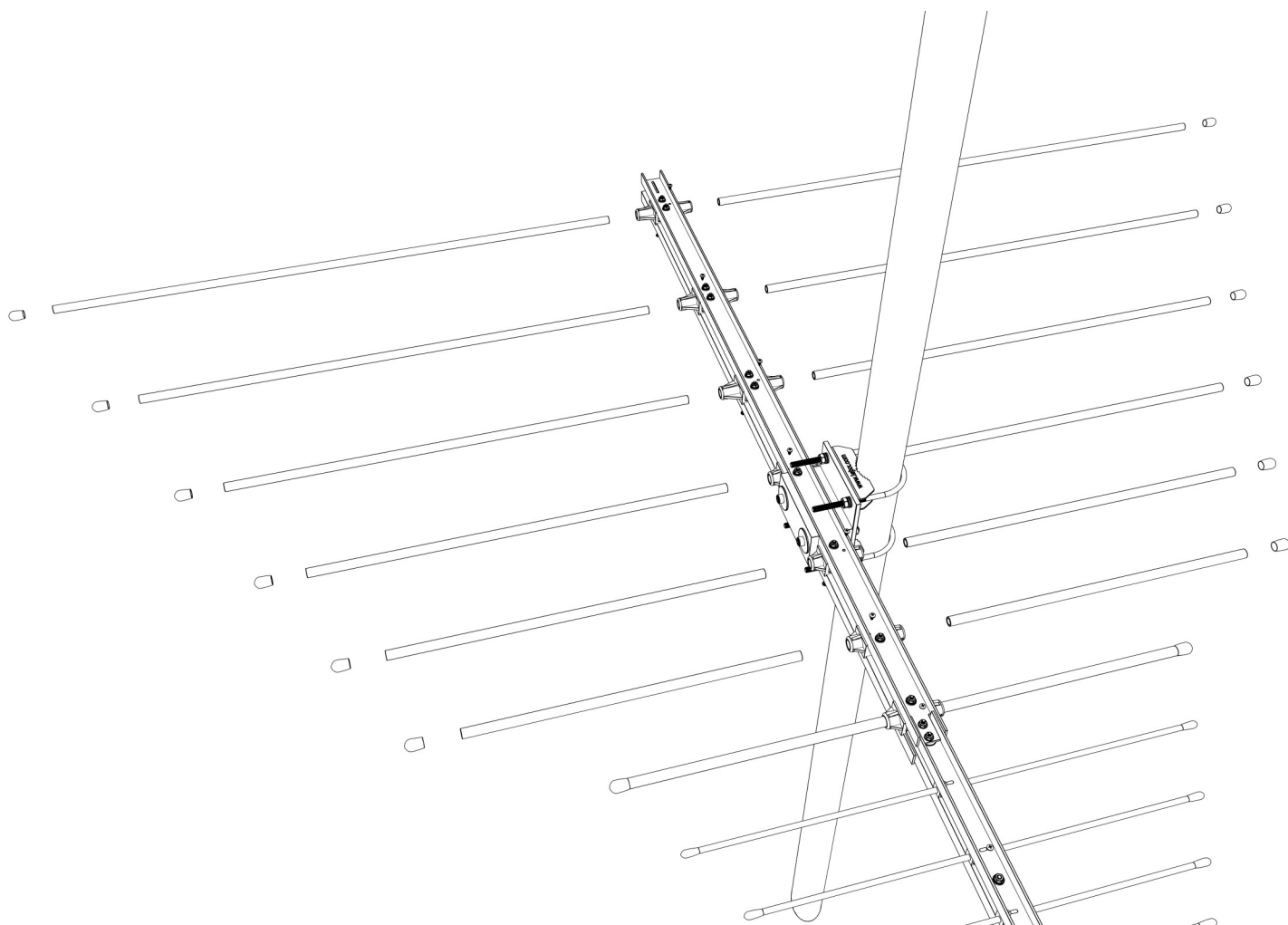
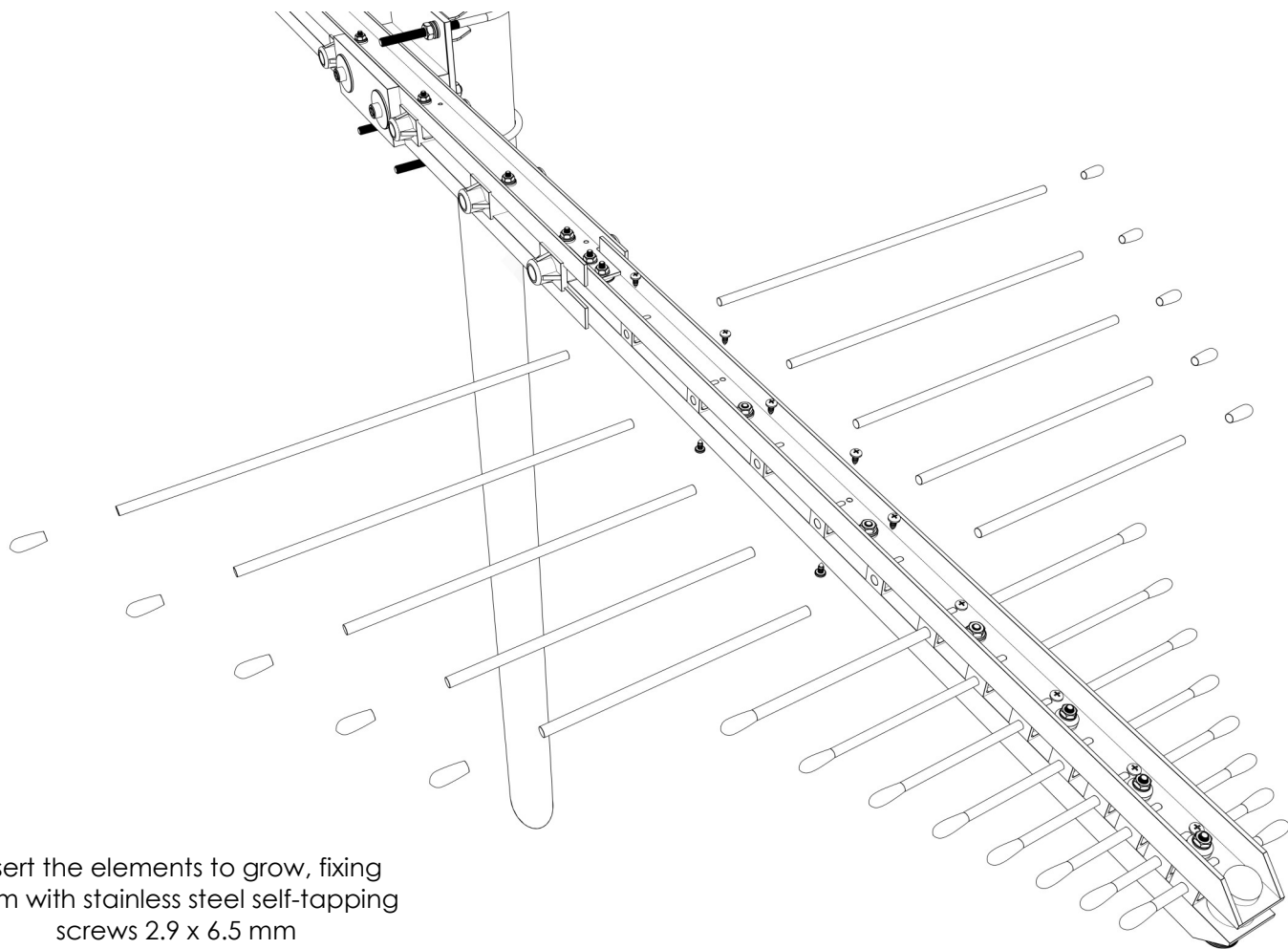
Cursor Az 0,0 deg.
Gain 6,86 dBi
0,0 dBmax

IØJXX may vary them without any warning

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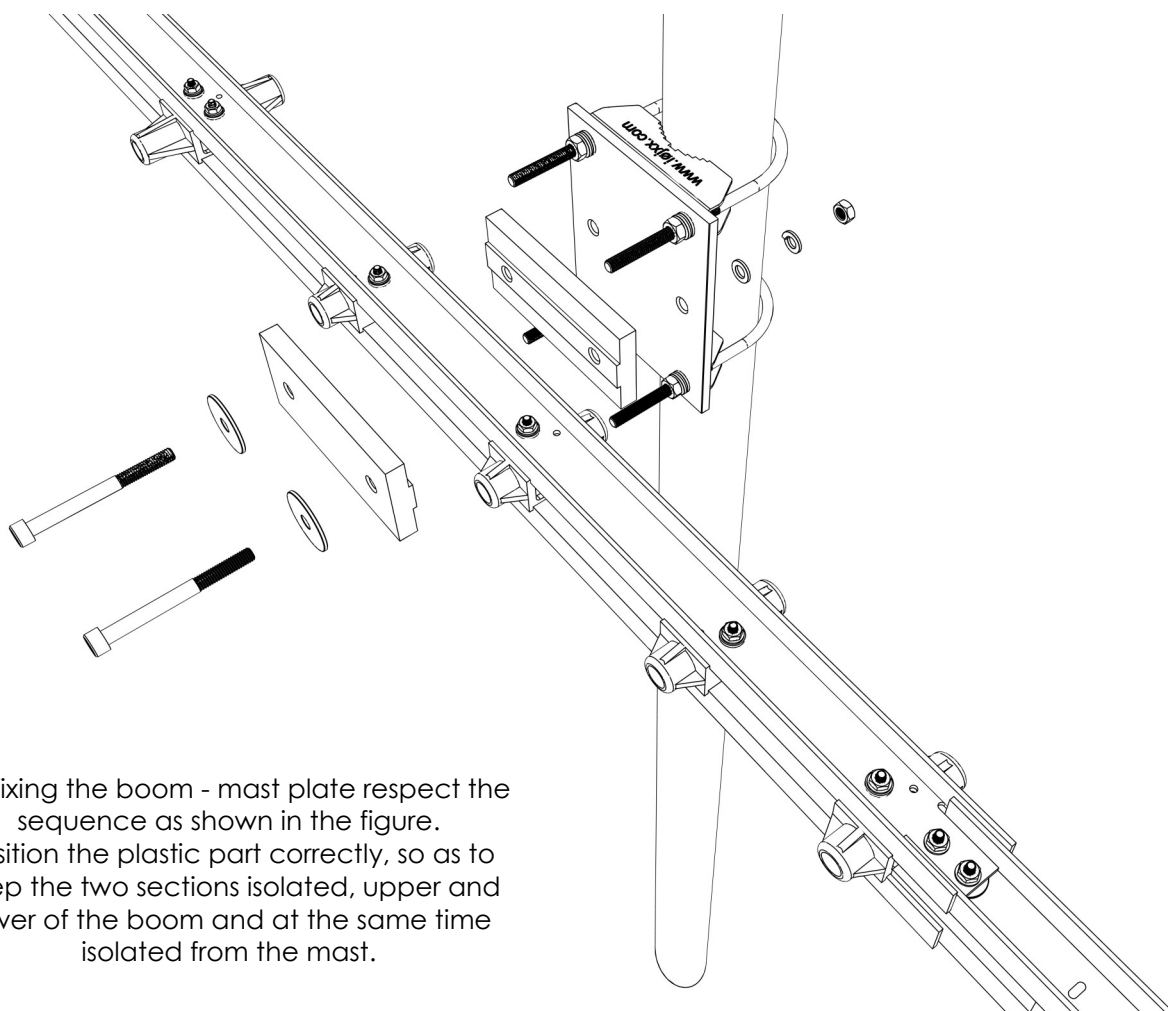


ASSEMBLY INSTRUCTIONS



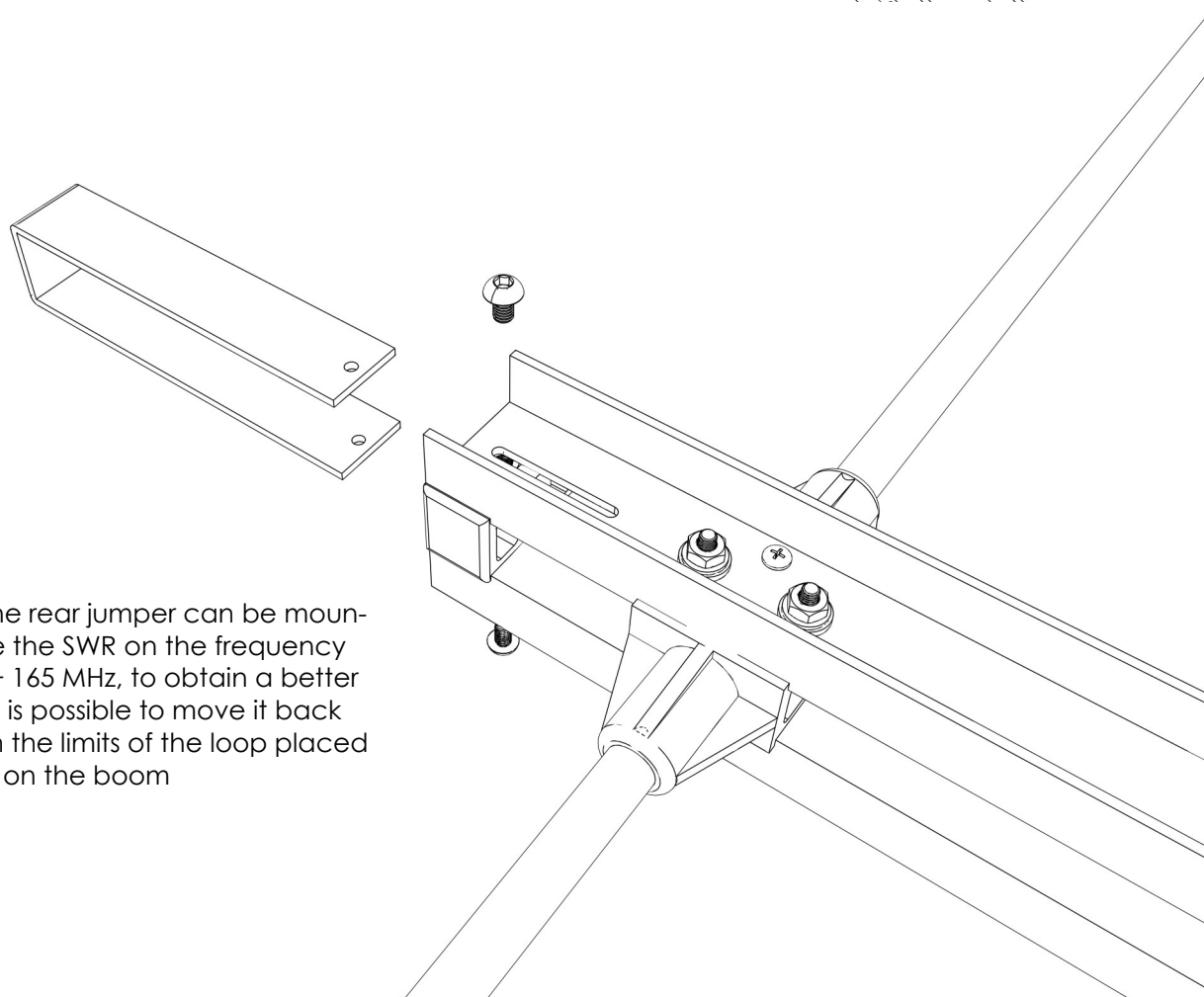
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For fixing the boom - mast plate respect the sequence as shown in the figure.

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.



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