

Delta Loop antenna



EADELTA11

Article no: 17826.11B

3,60m

3,80m

Rev. v2.0 - 08MAR2022

SPECIFICATIONS

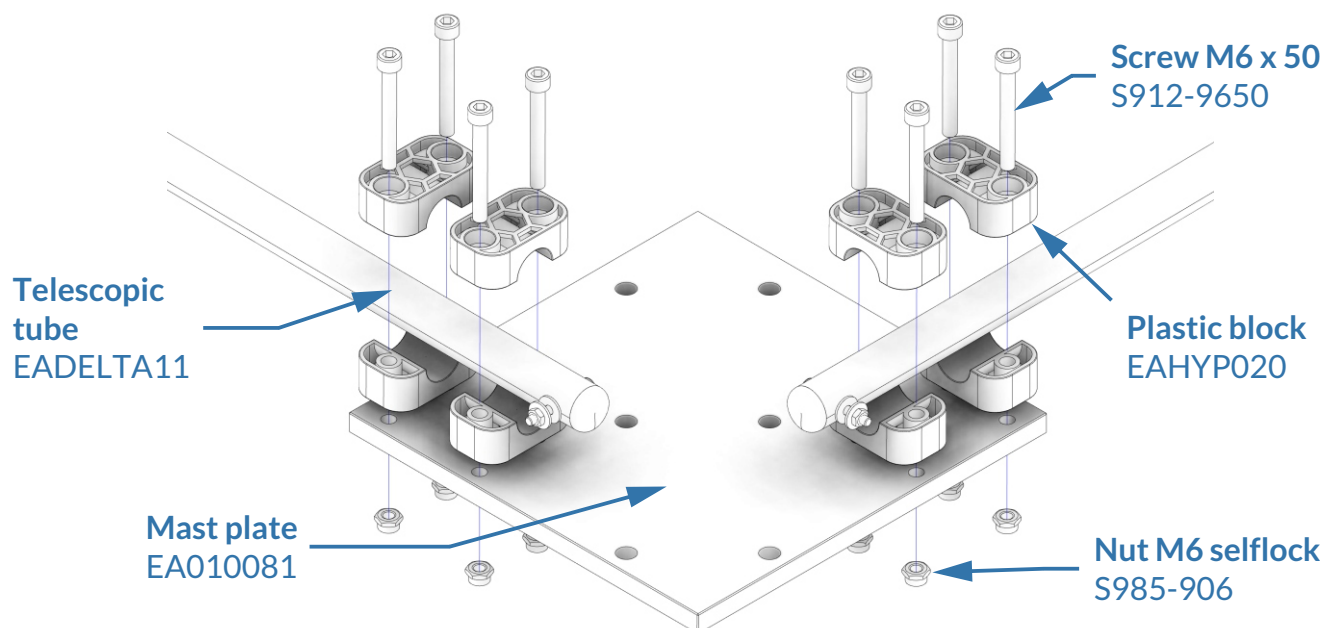
EADELTA11

Frequency range:	14,0 ~ 54 MHz.
Gain: (dBi)	6,58 ~ 8,96 dBi
Elevation angle:	12 ~ 32 deg.
SWR:	1,1 : 1 ~ 4,5 : 1 (ATU needed)
Max. power:	1,0 kW
Height:	3,8 m / 12,46'
Width:	3,6 m / 11,80'
Rotation radius:	1,80 m / 5,90'
Wind resistance:	> 160 km/h / > 100 mph

STEP #1

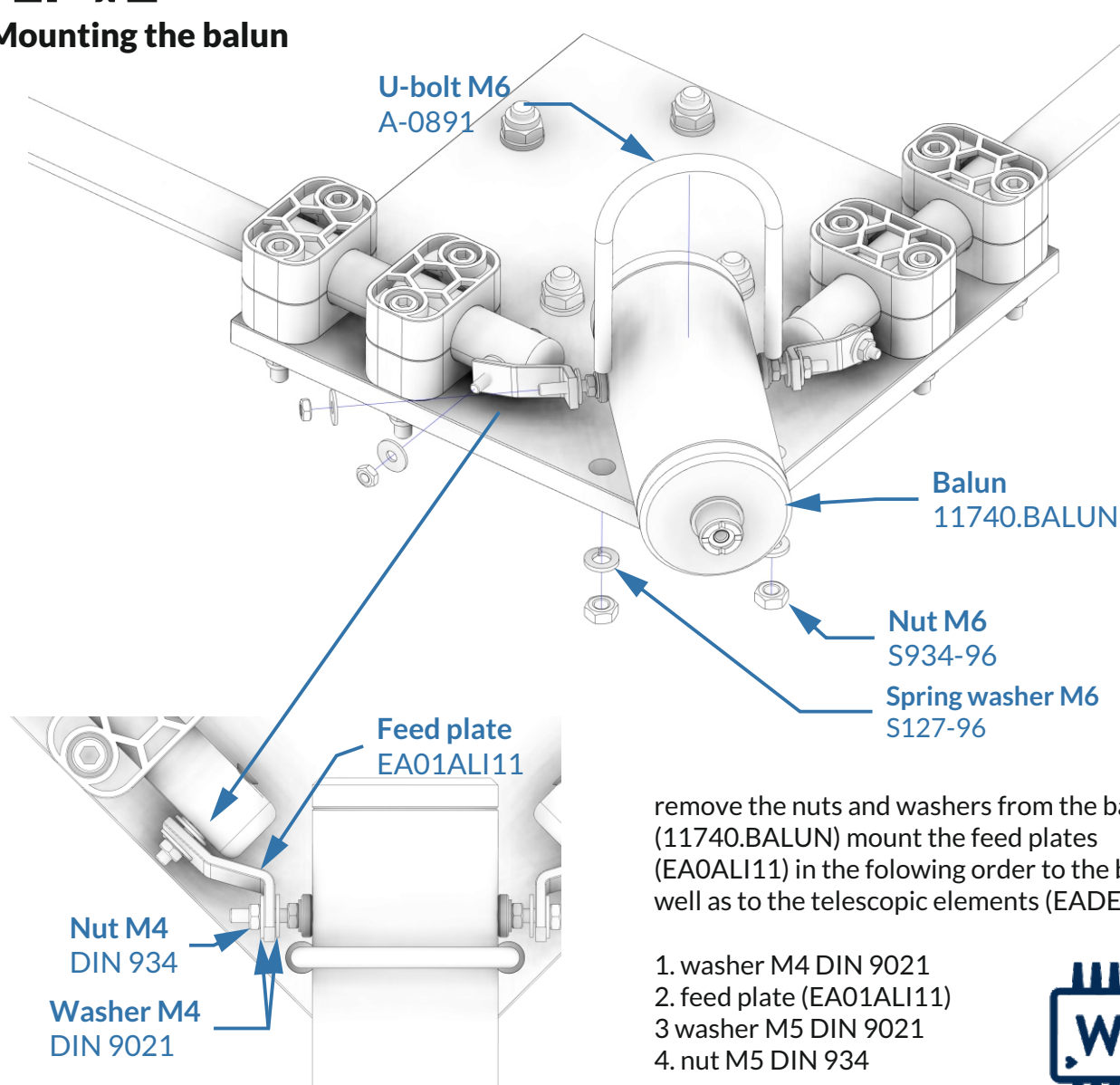
Assembly of the elements to the mast plate

Note: Only fully tighten the screws after Step #2 is accomplished



STEP #2

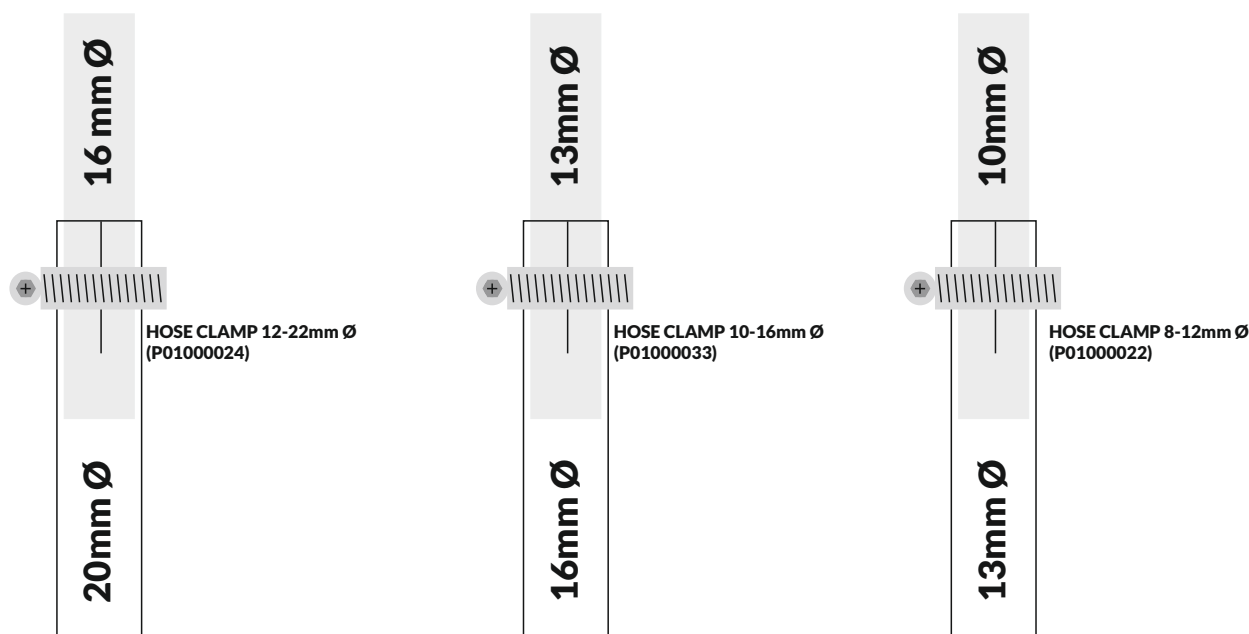
Mounting the balun



STEP #3

Extension of the telescopic elements

Extend the tubes with the help of the marks, located 15 cm before the elemt ends. These marks show the extension lenghts and also determine where the hose clamps have to be positioned. Repeat this step for all extendable tubes of both elements.



STEP #4

After the tubes are extended, mount the copper wire that closes the Delta. **Fig. A** shows how the copper wire is attached to the tube end 10mm. When the first wire end is placed and secured to the tube, you will need to tighten the 2 tips of aluminum to attach the copper wire at each end. **Fig. B** shows how the final assembly should look like.

Fig. A

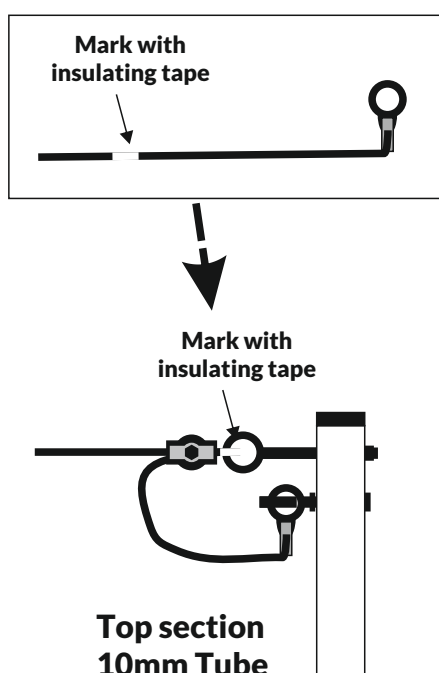
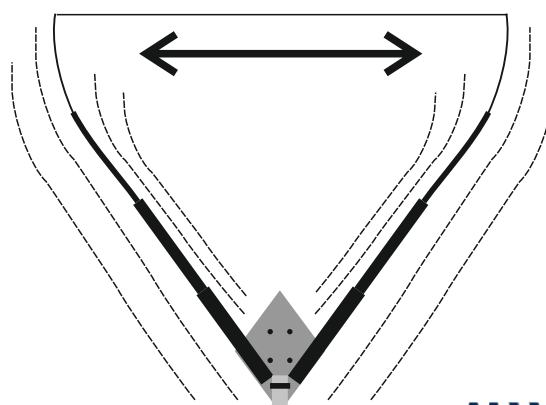
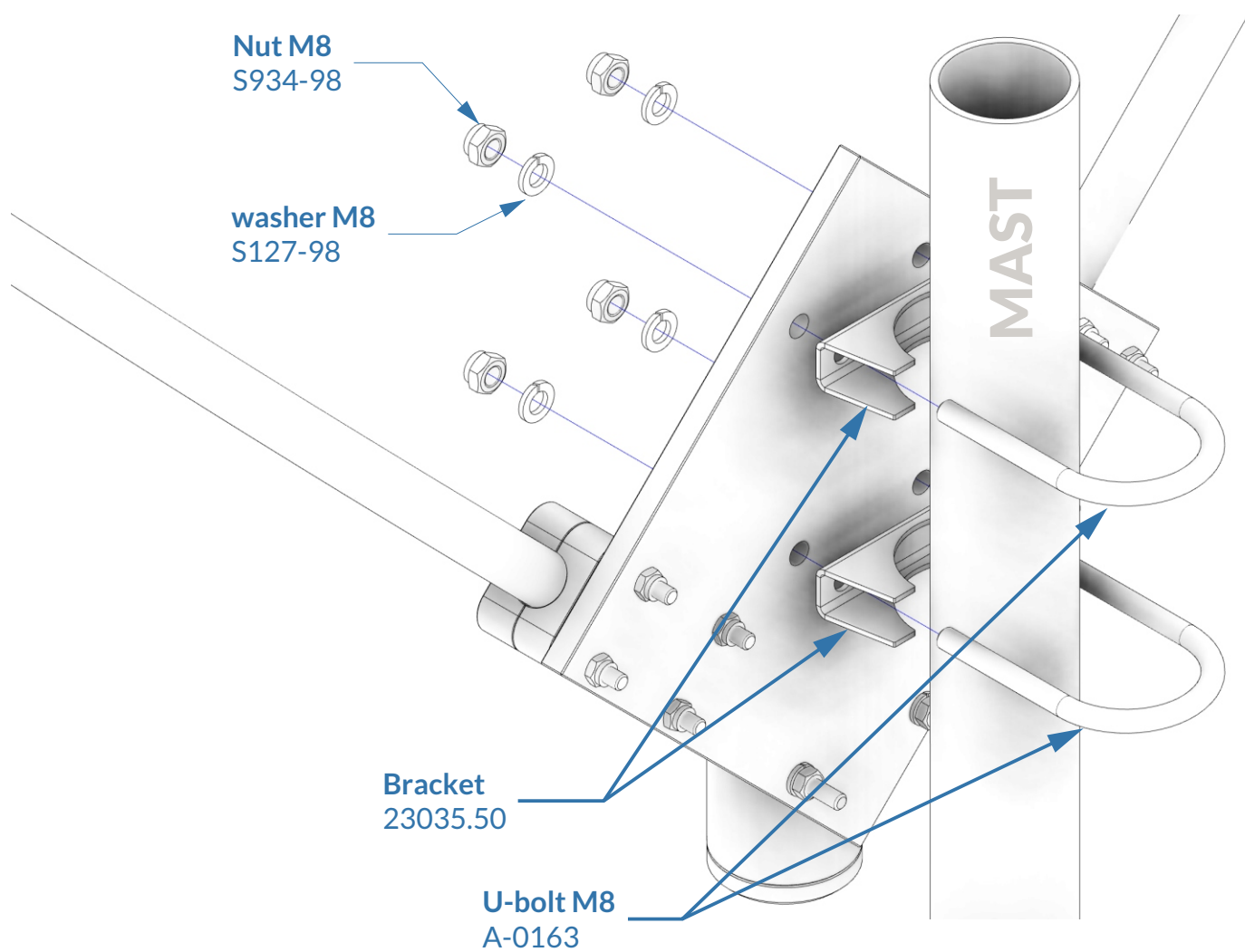


Fig. B



STEP #5

MAST TO BOOM PLATE ASSEMBLY



PACKING LIST

BAG #1

PART #	PART IMAGE	DESCRIPTION	DIMENSIONS	QUANTITY
A-0163		U-bolt	M8 x 50	2
23035.50		bracket	50 mm	2
S127-98		WASHER DIN 127	M8	4
S934-98		NUT DIN 934	M8	4
A-0891		U-bolt	M6 x 52 mm	1
S127-96		WASHER DIN 127	M6	2
S934-96		Nut DIN 934	M6	2
P1300001		Allen key	5mm	1
P1300003		Wrench	M10	1
P1300005		Wrench	M13	1

BAG #2

PART #	PART IMAGE	DESCRIPTION	DIMENSIONS	QUANTITY
P0100024		Hose clamp	12 - 22	2
P0100033		Hose clamp	10 - 16	2
P0100022		Hose clamp	8 - 12	2
23060.3		Wire clamp	M3	2



PACKING LIST

BAG #3

PART #	PART IMAGE	DESCRIPTION	DIMENSIONS	QUANTITY
EAHYP020		Plastic block	20 mm Ø	4
S912-9650		Socket head screw DIN 912	M6 x50mm	8
S127-96		Spring washer DIN 127	M6	8
S985-906		NUT DIN 985 selflock	M6	8

BAG #4

PART #	PART IMAGE	DESCRIPTION	DIMENSIONS	QUANTITY
11740.BALUN		Balun		1
EA01ALI11		Feed plate		2
EA01ALID11		EAntenna Delta Loop copper wire		1

LOOSE PARTS

PART #	PART IMAGE	DESCRIPTION	DIMENSIONS	QUANTITY
EADELTA11 TUBE		TELESCOPIC 4 TUBES SET	Ø 20 - 10mm	2
EA010081		MAST PLATE	200 x 200 x 10 mm	1