Installation:

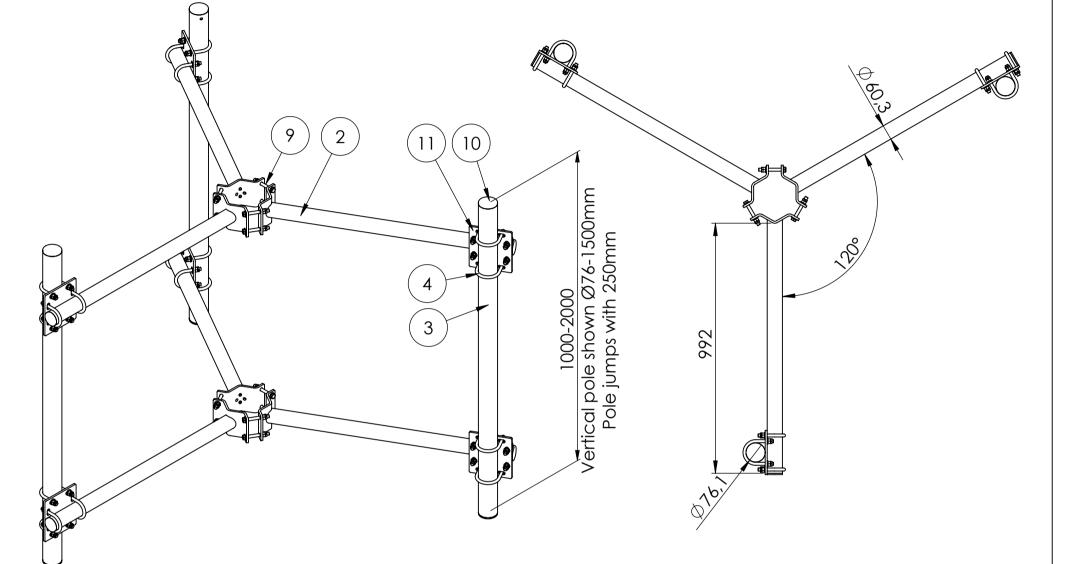
1st nut should be spanned with 40 - 45Nm. 2nd nut should shall be brought at least to a snug-tight condition, with special care being given to avoid over-tightening. Nut-marking should be made acc. to figure after torque.

Maintenance:

Visual inspection of bolt torque and any loose items is made 1 year after installation, and afterwards every 5th year.

Check if the marking from bolt torque is still straight.

- Check if the corrosion protection system is satisfactory.
- Any findings must be repaired as soon as possible.



Basic wind Vb,0 = 27 m/s Terrain class TC = 1 Max height of installation = 70m

1st nut control line

Max loads per 1 mount pole from equipment: 50kg, CxA=0.5m2

2 WBSTM_Ø125- 168_H1000 Horizontal pole with WB Ø125-168 - Vertical Ø76,1 6 3 Pole Ø76-1500 Vertical pole Ø76,1 - length: 1500 3 4 U-bolt M12 C-C = 90 12 5 U-bolt M12 C-C = 75 12 6 Washer ISO 7089 - 12 72 7 ISO - 4032 - M12 - W - N 60 8 ISO - 4035 - M12 - N 60 9 ISO 4017 - M12 x 100- C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 12 GL 60x3-5 tubular legs for Ø60,3 6 12 GL 60x3-5 12 Date: Comment				ITEM NO	PART NUMBER	DESCRIPTION	QTY.	
4 U-bolt M12 C-C = 90 12 5 U-bolt M12 C-C = 75 12 6 Washer ISO 7089 - 12 72 7 ISO - 4032 - M12 - W - 60 8 ISO - 4035 - M12 - N 60 9 ISO 4017 - M12 x 100- 12 10 GL 76x1.6-4 tubular legs for Ø76,1 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 12 GL 60x3-5 tubular legs for Ø60,3 ev: Int: Date: Comment Customer: Subjekt: Antenna offset f. Ø125168 with multi adjustable brackets Date: 01-11-2021 Production no: Scale:: 1:15			-	2			- 6	
5 U-bolt M12 C-C = 75 12 6 Washer ISO 7089 - 12 72 7 ISO - 4032 - M12 - W - N 60 8 ISO - 4035 - M12 - N 60 9 ISO 4017 - M12 x 100- C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 12 GL 60x3-5 tubular legs for Ø60,3 ev: Int: Date: Comment Customer: Subjekt: Antenna offset f. Ø125-168 with multi adjustable brackets Date: 01-11-2021 Production no: Scale:: 1:15				3	Pole Ø76-1500	Vertical pole Ø76,1 - length: 1500	3	
6 Washer ISO 7089 - 12 72 7 ISO - 4032 - M12 - W - 60 8 ISO - 4035 - M12 - N 60 9 ISO 4017 - M12 x 100- C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 12 GL 60x3-5 tubular legs for Ø60,3 12 GL 60x3-5 tubular legs for Ø60,3 6 12 GL 60x3-5 Customer.: Subjekt: Antenna offset f. Ø125-168 with multi adjustable brackets Date: 01-11-2021 Scale:: 1:15			-	4	U-bolt M12 C-C = 90		12	
7 ISO - 4032 - M12 - W - N 60 8 ISO - 4035 - M12 - N 60 9 ISO 4017 - M12 x 100- C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 12 GL 60x3-5 tubular legs for Ø60,3 v: Int: Date: Comment				5	U-bolt M12 C-C = 75		12	
/ N 60 8 ISO - 4035 - M12 - N 60 9 ISO 4017 - M12 x 100- C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 12 GL 60x3-5 tubular legs for Ø60,3 v: Int: Date: Comment			-	6	Washer ISO 7089 - 12		72	
9 ISO 4017 - M12 x 100- C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 6 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 6 12 GL 60x3-5 tubular legs for Ø60,3 6 v: Int.: Date: Comment 6 Customer:: Subjekt: Antenna offset f. Ø125–168 with multi adjustable brackets Date:: 01-11-2021 Production no:: Scale:: 1:15			-	7			60	
9 C 12 10 GL 76x1.6-4 tubular legs for Ø76,1 6 11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 6 12 GL 60x3-5 tubular legs for Ø60,3 6 v.: Int.: Date: Comment 6 Customer.: Subjekt.: Antenna offset f. Ø125–168 with multi adjustable brackets Date: 01-11-2021 Production no:: Scale:: 1:15 Format:A3				8	ISO - 4035 - M12 - N		60	
11 MB-Ø60-76 300 Bracket vertical pole Ø60,3-76.1 6 12 GL 60x3-5 tubular legs for Ø60,3 6 v.: Int.: Date: Comment Customer.: Subjekt:: Antenna offset f. Ø125–168 with multi adjustable brackets Date:: 01-11-2021 Production no.: Scale:: 1:15 Format:A3				9	ISO 4017 - M12 x 100- C		12	
12 GL 60x3-5 tubular legs for Ø60,3 6 v.: Int.: Date: Comment Customer.: Subjekt:: Antenna offset f. Ø125–168 with multi adjustable brackets Date:: 01-11-2021 Production no.: Scale:: 1:15			-	10	GL 76x1.6-4	tubular legs for Ø76,1	6	
vv.: Int.: Date: Comment Customer.: Subjekt.: Antenna offset f. Ø125–168 with multi adjustable brackets Date.: 01-11-2021 Production no.: Scale.: 1:15 Format:A3			-	11	MB-Ø60-76 300	Bracket vertical pole Ø60,3-76.1	6	
Customer.: Subjekt.: Antenna offset f. Ø125–168 with multi adjustable brackets Date.: 01-11-2021 Production no.: Scale.: 1:15 Format:A3			-	12	GL 60x3-5	tubular legs for Ø60,3	6	
Subjekt.: Antenna offset f. Ø125–168 with multi adjustable brackets Date.: 01-11-2021 Production no.: Scale.: 1:15 Format:A3	v.: Int	it.:	Date:		Comment	1		
Date: 01-11-2021 Production no.: Scale.: 1:15 Format:A3			Cust	omer.:				
		X	Subje	Antenna offset 1. Ø125–168 with multi dajustable brackets				
			Date.	.: 01-11	021 Production no.: Calculation:	Int.: SP/MRF Pro	Format:A3	
	A/S	10	Orde	r no.:			Projektion:	
	ar	10				Nole	Tolerance: DS/EN 1090-2 DS/ISO 2768-2-I	

2nd nut control line