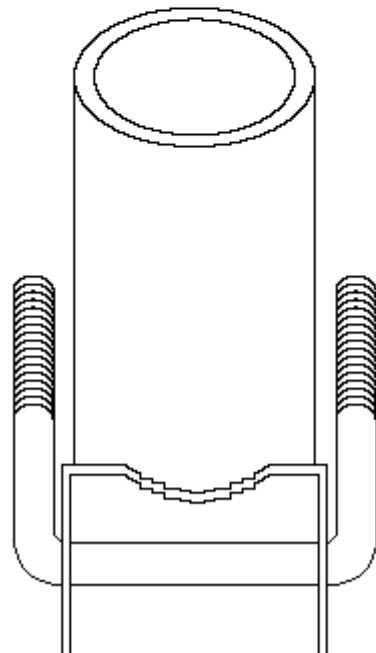
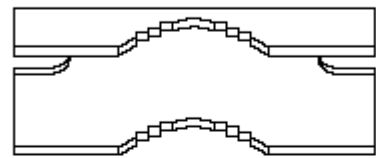
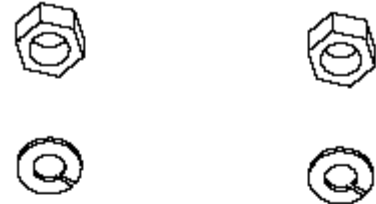


# BestPartner Parabola XP antennas installation maunal.

Applies to Parabola XP 2.4 GHz and 5.x GHz antennas.

## Procedure:

1. Attach the antenna to the pole using included handle.
2. Attach 2 u-bolts by inserting them through saddle clamps and securing with nuts and lock washers.
3. Place antenna over pole, align horizontal direction by rotating on pole and tighten the u-bolt nuts.
4. Set up vertical align using included handle with graduation. Tighten the nuts in desired handle position.
5. Attach a low loss signal cable to the integrated N(F) connector. Seal the connector joint with waterproof sealing tape or sealing compoud.



## Note 1:

The mounting handle is suitable for pole diameters from 1/2 to 1 3/4 inches. Mounting poles and their supports should be designed to withstand the wind loads as required by the local building code.

## Note 2:

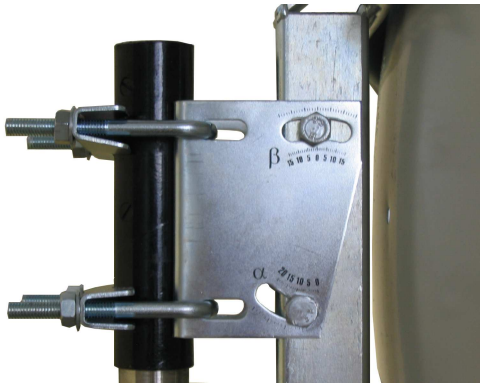
To set the bending of the antenna, use the  $\alpha$  and  $\beta$  graduation. See the table and pictures below.

Tab.1: Central beam range (in meteres):

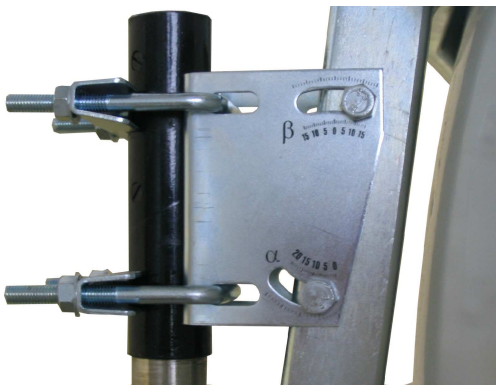
Antenna Altitude / Lean	1°	2°	3°	4°	5°	6°	7°	8°	9°	10°	11°	12°	13°	14°	15°
<b>20 m</b>	1146	573	382	286	229	190	163	142	126	113	103	94	87	80	75
<b>50 m</b>	2864	1432	954	715	572	476	407	356	316	284	257	235	217	201	187
<b>75 m</b>	4297	2148	1431	1073	857	714	611	534	474	425	386	353	325	301	280
<b>100 m</b>	5729	2864	1908	1430	1143	951	814	712	631	567	514	470	433	401	373

Examples of setting the  $\beta$  graduation:

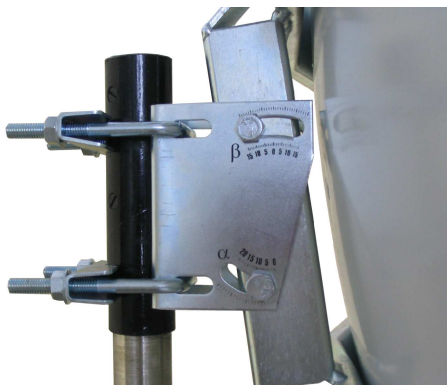
Vertical:



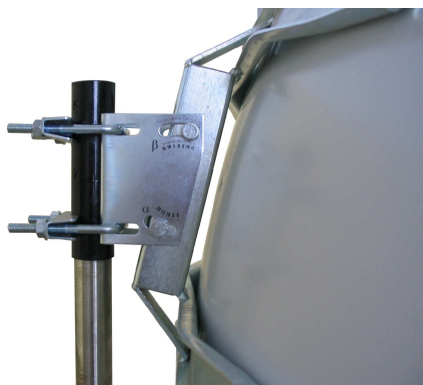
Bend down:



Bend up:



Example of setting  $\beta$  and  $\alpha$  auxiliary graduation (to bend the antenna even more):



Polarization examples:

Horizontal polarization:



Vertical polarization:

