

# 'C Series Omnidirectional Antenna' Installation and Operation Instructions Including F-009-S4 Mounting Kits



## General

This instruction sheet contains all necessary information required to assist in the correct installation of ARGUS Omnidirectional antennas.

Following symbols can be found next to text outlining important information.



Please follow the procedure marked with this symbol precisely. Non-compliance may lead to damage of the product.



Handy tips when installing product.

## Installation Instructions - Fixed Downtilt Antennas

Assemble mounting kit as per Figures 2 and 3 of this document.



1. Ensure a torque spanner is used when tightening fasteners. The recommended torque for the M10 Stainless Steel Fasteners is 28.0Nm.
2. Check for correct orientation of antenna. (See label: "THIS WAY UP" affixed to antenna).
3. All connectors should have a weather proofing kit fitted to prevent water ingress into cables.
4. Ensure that the two (2) top M4 holes are plugged with M4 screws and sealing washers, and that the two (2) bottom M4 holes are clear to act as drainage holes.
5. Ensure mounting pipe diameter is within the range specified on the mounting kit assembly drawing. For high wind locations a pipe diameter between 75mm and 120mm is recommended.

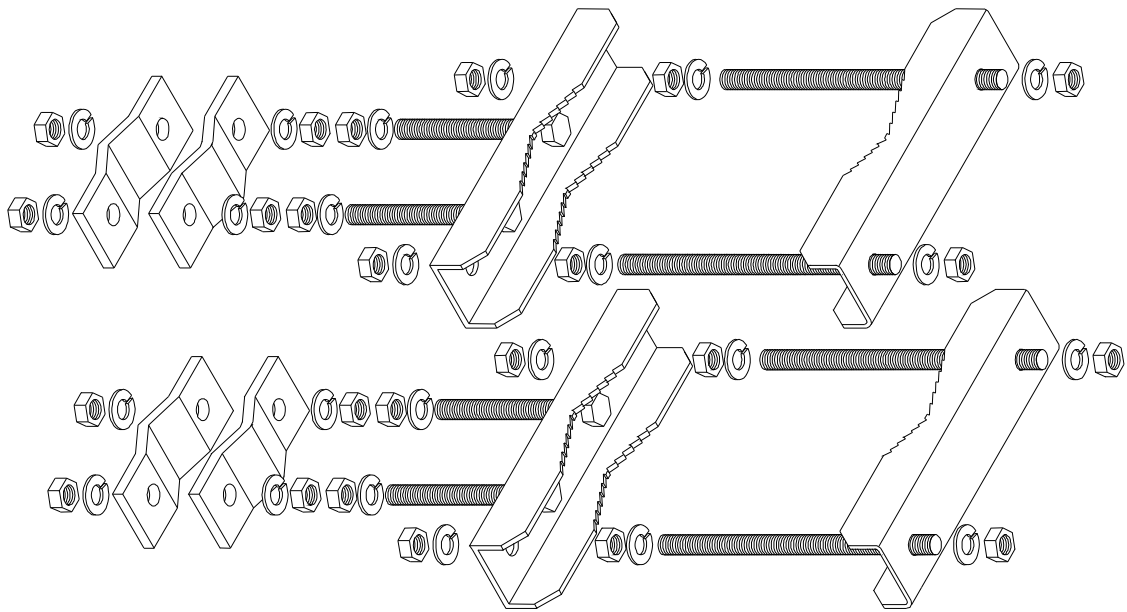


**Figure 1: Correctly Assembled Mounting Brackets**

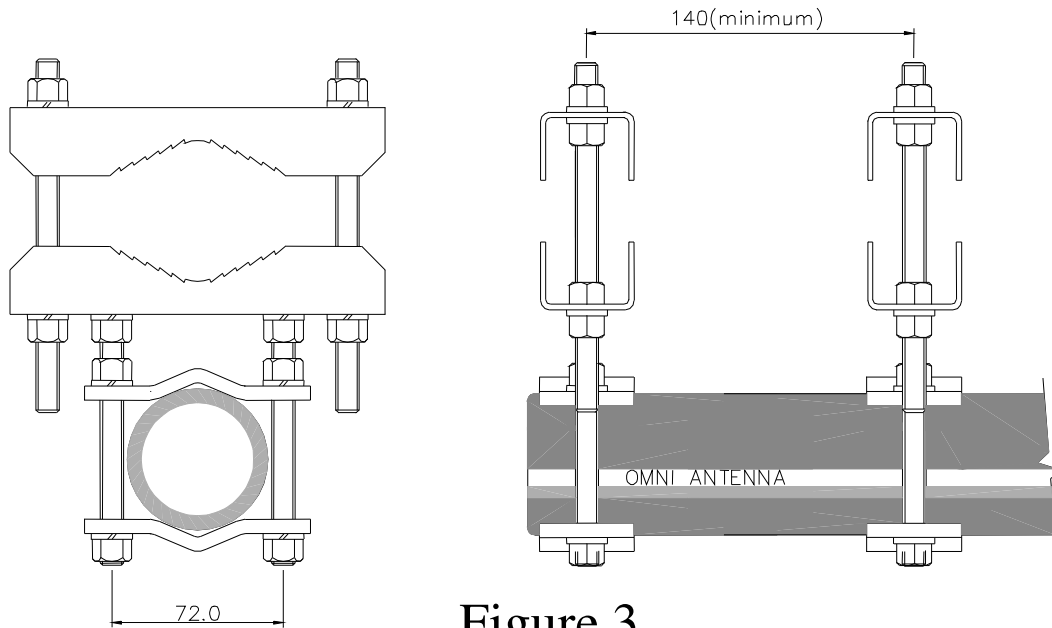


1. Attach mounting kit assembly to pole. Slide antenna into clamps and tighten, then adjust for verticality.

# Mounting Kit Details



**Figure 2.** MOUNTING BRACKETS EXPLODED ASSEMBLY



**Figure 3.**

**Figure 2: Mounting Brackets Exploded Assembly**

**Figure 3: Mounting Brackets Assembled onto Omnidirectional Antenna**



## Installation Instructions – Electrically Downtilt Antennas

Install Antenna mounting brackets as per instructions provided in the previous section:

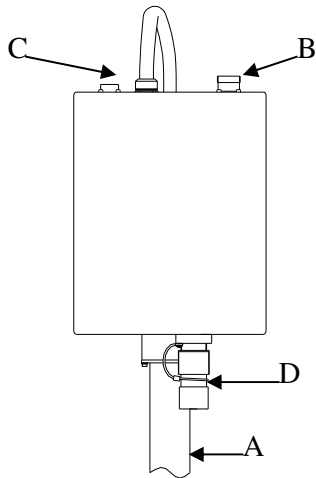
## Installation Instructions - Fixed Downtilt Antennas



1. Check for correct orientation of downtilt control box.  
(Scale must always be at the bottom).
2. Ensure that the cable gland is tight to the box  
If the gland has to be tightened, remove the box lid and tighten the gland nut. Always replace the lid with the correct orientation, the drain slots in the lid are to be at the bottom. (See Figure 6)
3. A scale cover is provided and can be unscrewed to view the scale. The scale cover is labelled 'D' in Figures 4 and 5.



**Figure 4: Normal Control Box Orientation**



**Figure 5: Inverted Control Box Orientation**



**Figure 6: CNA008DR Control Box**

### Important features labelled in Figures 4 and 5

- A. Omnidirectional Antenna
- B. R.F. Connection
- C. D.C. Control Connection
- D. Scale Cover

