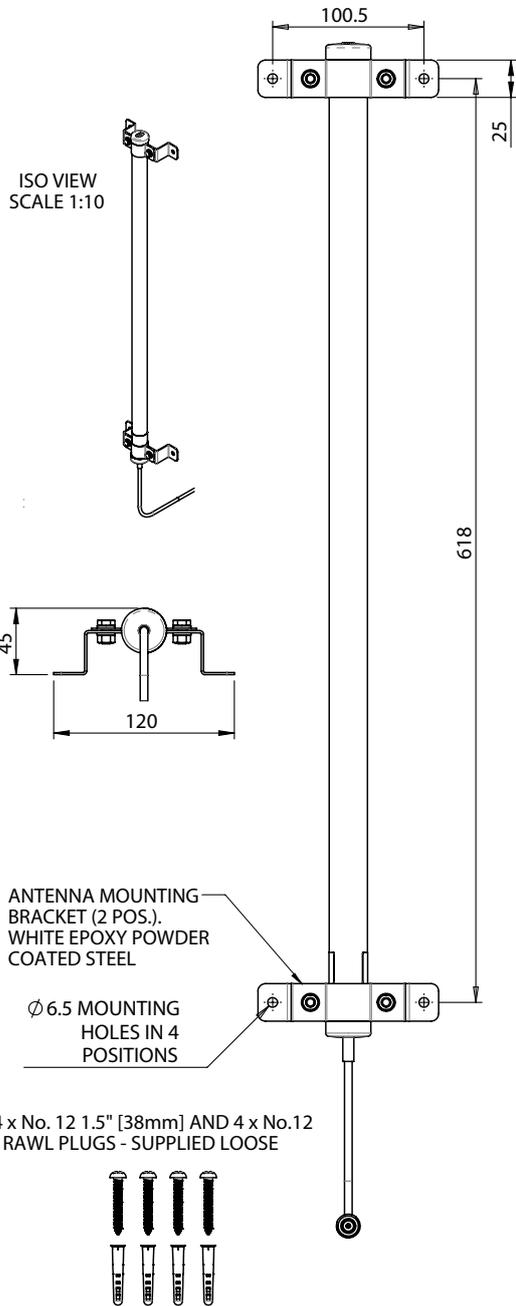


Installation Instructions - SW3 - 770

B6SE Range



A. Select Position

The antenna is omni-directional, so does not need to be installed facing in a particular direction, but it should be positioned in a location where there is the best consistent signal strength. A signal strength meter or any device with an integrated RSSI (received signal strength indicator) may be of assistance in determining the best position for the antenna. The antenna must be mounted in a vertical plane with the cable exiting from the bottom.

The mounting location selected should be as flat and even as possible and must be safely accessible with the equipment available. It is important to check that the device can be reached with the supplied cable before commencing installation. The antenna should be spaced a minimum of 60cm (24") from any nearby device or metal structure. The antenna must not be installed on or close to a metal panel.

B. Mounting the Antenna

The antenna should be mounted using the fitted offset brackets and supplied No.12 screws and wall plugs (if applicable). The antenna must be secured using both brackets to ensure stability.

Mark hole positions to suit brackets. Drill pilot holes and then increase to appropriate size to suit mounting screws or wall plug (as appropriate).



IMPORTANT NOTE

Use the brackets in the positions supplied at the top and bottom of the antenna. Do not re-position the brackets as this will affect the antenna performance.

C. Routing the Coaxial Cable

In order to maintain the performance of the cable, it is important that it is not bent sharply or distorted. Consider securing the cable run using appropriate cable clips to reduce stress on the cable entry point. The minimum bend radius for the cable is 25mm which should be planned for in the cable routing.

Excess cable must not be coiled, but should be laid out and loosely secured. Where the antenna is installed externally it is recommended to plan a 'drip-loop' at the cable entry point if in an exposed location

D. Test & Commission

It is recommended to carry out a VSWR check on the comms cable, which should be within the range specified in the product datasheet.

E. Notices



RF SAFETY NOTE

Ensure that the antenna is mounted in such a way that no person is likely to be within a distance of 30cms (12") from the antenna during use.



RF SAFETY NOTE

Ensure that the antenna is used only as supplied. The co-axial cable should not be reduced in length or otherwise modified.

Installation Instructions - SW3 - 770

B6SE Range

E. Notices



European Waste Electronic Equipment Directive 2002/96/EC

Please ensure that your old Waste Electricals and Electronics are recycled do not throw them away into standard waste.



Directive 2011/65/EU (RoHS 2)

This product is fully compliant with the RoHS 2 directive



CAUTION

Parts of the antenna are an electrical conductor. Contact with power lines can result in death, or serious injury. Do not install the antenna where there is any possibility of contact with (or high voltage arc-over from) power cables. The antenna must not be close to any power lines during installation, removal or in the event that part of the system should accidentally fall.



CAUTION

Do not install above the roof line or in an exposed location. If this is the only possible installation it is advisable to fit a lightning surge arrestor in the coaxial cable feed line. A suitable unit should be sourced and installed as per the manufacturer instructions. The installer is responsible for determining if this is a requirement for the antenna installation.