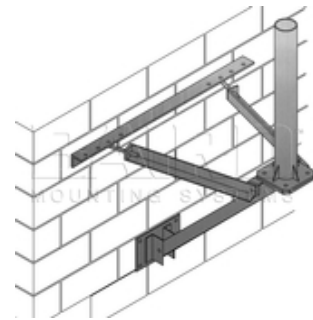


Mount selection (Fixed)

Wall Mount (for 1.8M only)

This solution is to fix the antenna onto the side of a building. This solution mitigates the need to construct foundations or utilise space on existing ground or roof constructions



Non-Penetrating Mount

This solution mitigates the need to construct foundations and is a non permanent installation. (However it can be constructed and operated continues without degradation)

It utilise space on existing ground or roof constructions

Options:

- 1.8M
- 2.4M
- 3.0M
- 3.4M
- 3.7M
- 4.5M



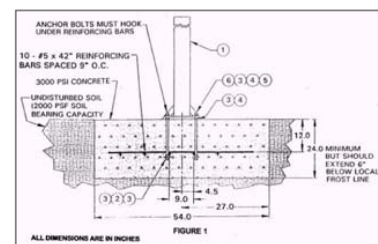
King-Post Mount

This solution requires the need to construct foundations or fixing to a permanent frame work. It is a permanent installation.

It utilise space on existing ground or roof constructions

Options:

- 1.8M
- 2.4M
- 3.0M
- 3.4M
- 3.7M
- 4.5M



Wind loading data is available for all antenna types

Mount selection (Motorised)

Single Axis Polar Mount

A polar mount is designed to allow all visible geostationary satellites to be accessed by swinging the antenna around one axis (the main axis). This allows one positioner or actuator only to be used to remotely point the antenna at any satellite.

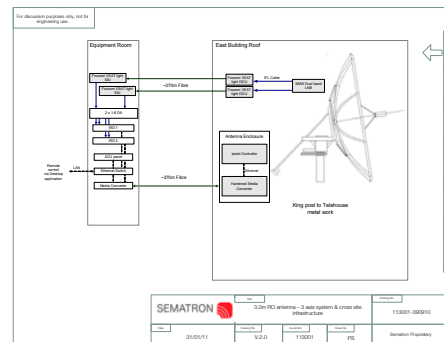
Polar mount installation involves pre-setting the two fixed angles.



2 Axis Jog Controller Mount

The 2 axis jog controller drives a receive-only antenna system for the purpose of ad-hoc downlink services from Satellites within the visible arc of geostationary satellites.

If the antenna is required to be remotely steerable to allow re-pointing from the equipment room or remote locations the 3 axis motorisation system would be most suitable as it will allow accurate pointing in the azimuth/elevation planes, as well as providing a polarisation motor to optimise polarisation angles.

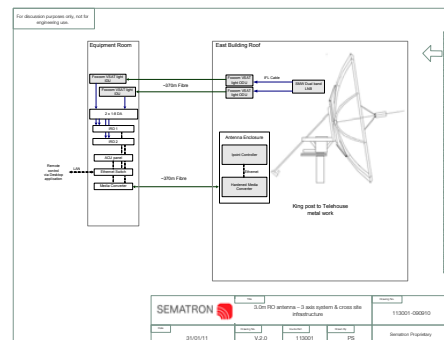


3 Axis Jog Controller Mount

The 3 axis jog controller drives an antenna system for the purpose of ad-hoc services from Satellites within the visible arc of geostationary satellites.

If the antenna is required to be remotely steerable to allow re-pointing from the equipment room or remote locations the 3 axis motorisation system would be most suitable as it will allow accurate pointing in the azimuth/elevation planes, as well as providing a polarisation motor to optimise polarisation angles.

Tracking of satellites in inclined orbits is an option.



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