

# ISO Container Corner Mount

## Corner Mount King Post Adapter



The ISO corner mount adaptor allows antenna king posts for 1.2m, 1.8m and 2.4m **antennas to be mounted to ISO Containers**, in situations where non-penetrating roof mounts are not practical, or where space is at a premium but an ISO Container is available.

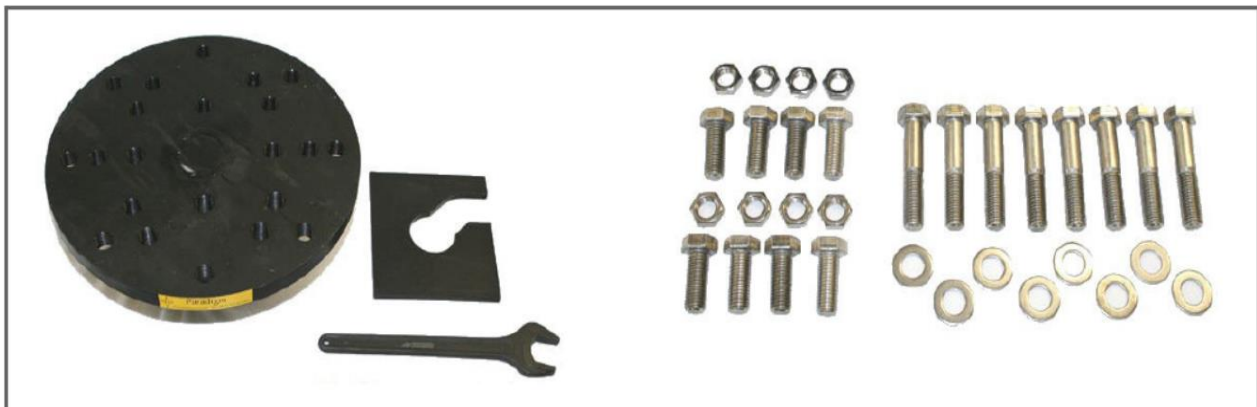


### Features:

- Easily deployed by two persons
- Fits any ISO Container
- Practical alternative to NPRMs
- For antennas up to 2.4 metres

### OVERVIEW

Assembly is straightforward, making the adaptor ideal for temporary and permanent installations. For permanent installations, ballast should be added, or the ISO Container should be anchored by restraining wires to provide stability during periods of high winds.



## Wind Loading Calculations

For safety, only use an ISO Container that is in good condition. Containers with buckled, creased or badly dented panels should never be used. Containers must be installed on level ground and with each corner on a sound footing. Corner blocks with a top wall thickness of less than 25mm should not be used as they have insufficient strength to support the antenna in high wind conditions.

Wind Speed		Ballast required to stabilise an empty ISO Container		Additional Ballast required per Antenna				
kph	mph	6.1 metres (20ft)	12.2 metres (40ft)	0.7m	1.0m	1.2m	1.8m	2.4m
113	70	0 kg	928 kg	103 kg	232 kg	359 kg	872 kg	1678 kg
161	100	2300 kg	5470 kg	195 kg	438 kg	677 kg	1645 kg	3165 kg
210	130	5374 kg	11620 kg	357 kg	742 kg	1148 kg	2789 kg	5365 kg

1. Assuming the empty weight of a container is approximately 2300 kg (6.1m container length) or 3800 kg (12.2m container length).
2. Worst case with wind blowing at right angles to the longer side of the container in a clear open area, and the antenna pointing 56 degrees off wind bearing.
3. Ballast spread evenly over the floor of the container, or a restraining guy-line at each corner of the container capable of resisting an equal vertical force.