



Tin Roof Antenna Installation Guide

1. Select a suitable mounting structure.



2. Assemble mounting brackets.



3. Attach brackets to antenna.



4. Loosely attach nuts.



5. Fix antenna to mast.



6. Tighten nuts allowing enough give to rotate/adjust.



7. Determine direction of cell tower.



8. Align antenna to tower and tighten bracket.



9. Unwrap cable.



10. Uncoil cable.



11. Determine location of roof penetration (**on a crest not in a trough**).



12. Cut hole in roof to suit diameter of conduit.



13. Cut roof flashing to suit diameter of conduit.



14. Feed conduit through flashing.



15. Feed conduit through roof penetration.



16. Apply silicone to penetration.



17. Ensure silicone is applied without any gaps.



18. Mould flashing to suit contour of roof.



19. Fix flashing to roof with screws.



20. Ensure flashing is firmly secured.



21. Feed cable into conduit.



22. Continue to feed cable into the building.



23. Attach conduit to mast with cable ties.



24. Keep spacing between cable ties small.



25. Connect antenna to cable.



26. Measure and cut suitable length of amalgamating tape.



27. Remove adhesive protection.



28. Start wrapping cable below the connection.



29. Cover entire connection thoroughly.



30. Slide connection to top of conduit and cover with tape.



31. Secure to mast with cable tie.



32. Trim cable ties.



33. Silicone around flashing.



34. Silicone around conduit.



35. Silicone around screws.



36. Ensure all gaps are covered with silicone (including the screw penetrations of mast).



37. Antenna Installation complete.
Refer to additional guides for equipment installation.

