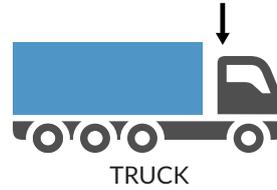


Installation Guide for Beam Single Mode Whip Antenna (RST714B)

Applications

Recommended Antenna Installation location

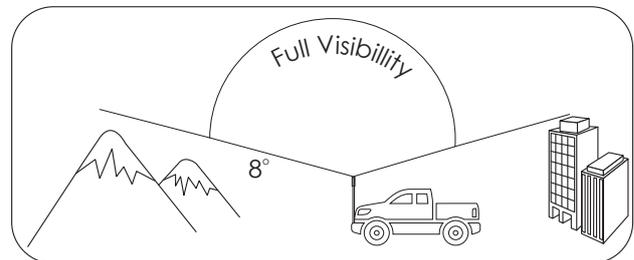


Antenna installation is critical for optimum performance of your Iridium service.

Installation Guidelines

To ensure maximum performance of the antenna system and to maximise availability and reliability of service the antenna must;

- mount antenna vertically
- have a clear line of site to the sky
- be clear and free of obstructions
- be located away from other transmitting devices
- be securely attached to a flat ferrous surface
- be located outdoors
- be installed with a Beam certified cable

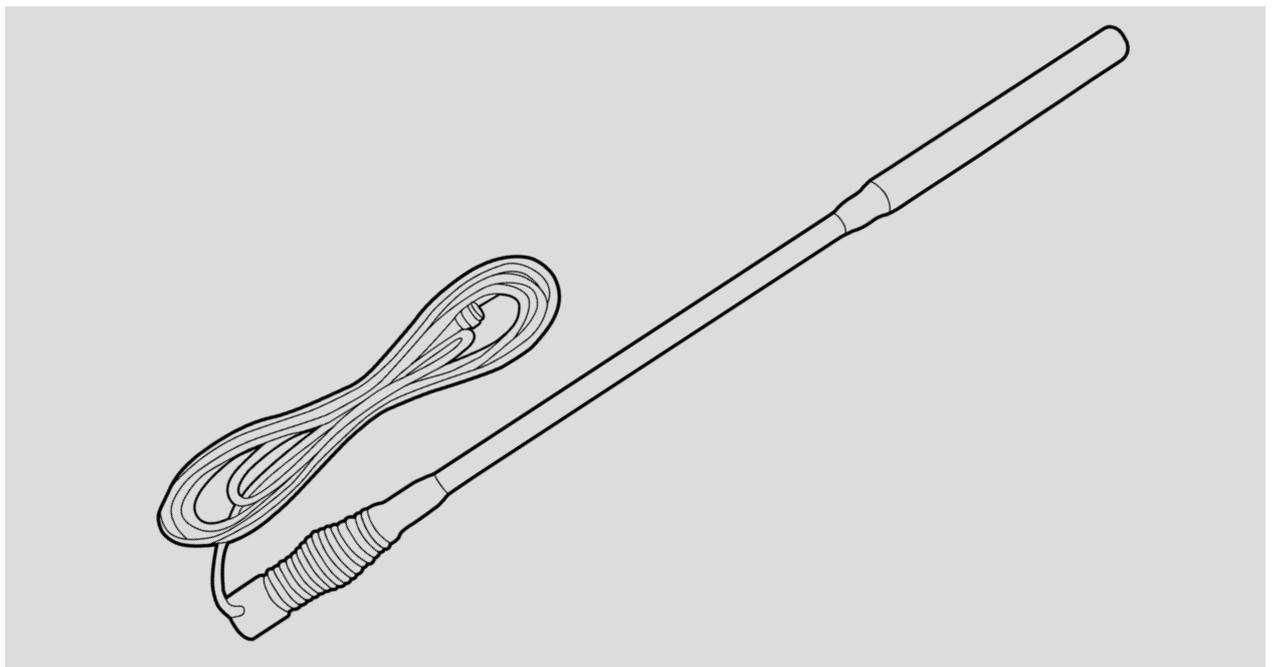


Installing Antenna Cables

When installing antenna cables, follow these guidelines:

- Route and restrain cables to prevent them from vibrating or moving under normal conditions, which could result in damage to the antenna or the coaxial cable connections.
- Wherever the cables contact structures, protect the cables from chafing or abrasion. If a cable needs to be bent, avoid kinking it, and ensure that each bend radius follow the cable specification limits.

Package Contents



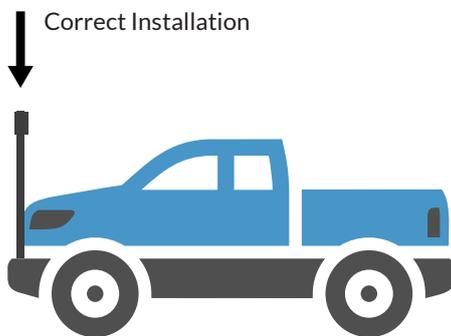
Single Mode Whip Antenna (includes 5 m / 16.4 ft Cable)

Antenna Installation

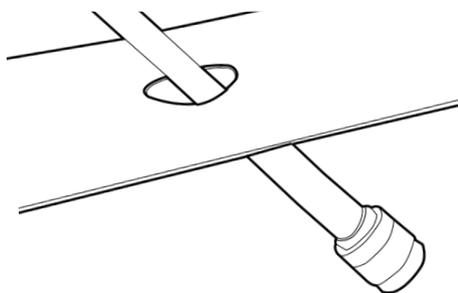
1. Unwrap the packaging from the antenna and free up the cables from being tied.
2. Undo the hex nut and slide it off from the cable through the notch.



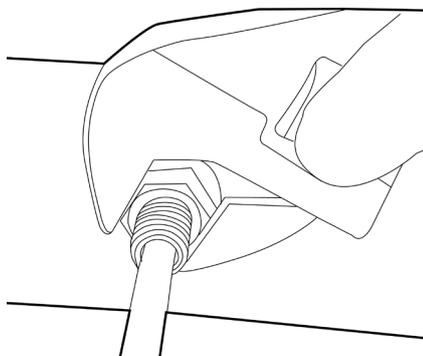
3. Discard the cap by cutting through it safely with a side cutter.
4. To mount the antenna, the best location is a bull bar with ready mounting holes. The mounting hole should be at least 12-13 mm (0.47-0.51 in) in diameter and 2-3 mm (0.08-0.12 in) thick.



5. Pass the cable through the mounting hole and pull the cable through.



6. Set the antenna on the mounting plate and screw in the hex locking nut. Use an adjustable wrench to tighten the nut. The antenna should be stable while mounted.



7. Finally, connect the TNC connector to the Beam Iridium terminal or accessory.



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