

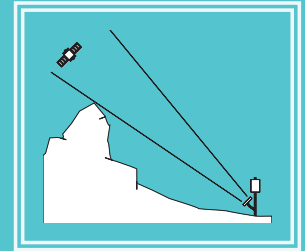
Hiberband Via: field installation checklist.

When preparing for the installation of your Hiberband Via gateway in the field, please take the following into account:

The best location for your LoRa antenna

Install your LoRa antenna as high as possible on a solid structure. This increases coverage of your LoRa network.

The LoRa antenna cable should never be extended beyond 10 meters as this affects performance. The exception is if appropriate measures have been taken and the signal loss is known with regards to the required system performance. If in doubt, please contact us.



Connecting to the satellite

To establish a connection with the satellite, ensure a clear line of sight between the BGAN satellite terminal and the satellite. There should be no obstructions, e.g tree, building or pole.

To identify an appropriate installation location for the BGAN terminal, complete the steps in **section 2** of the **Hiberband Via: Quick Start Guide**. Make sure to do this before going into the field for installation as an internet connection is required.

The standard cables provided with the BGAN satellite terminal to connect to the Hiberband Via gateway are 2 meters long. If you plan to install the BGAN terminal further away from the Via gateway, you will need to create custom cables yourself.

Protection from lightning strikes

Grounding the Hiberband Via gateway and BGAN terminal is strongly advised, especially where the LoRa antenna and/or the Hiberband Via gateway and BGAN terminal are placed higher than surrounding objects.

If an electrical earth connection isn't available, connect to a large conducting surface like a metal beam which is connected to earth.

Refer to **section 3, step 5** of the **Hiberband Via: Quick Start Guide** for detailed instructions. Consult a qualified electrician if in doubt.

Safety distance from radio transmissions

Keep a minimum of 1m away from the BGAN terminal when operating as it emits a radio frequency.

Always turn off the Hiberband Via gateway before carrying out any work on the equipment.

Never install where it will be closer than 1m to people when operating.

Avoid sea water

Using this device in marine environments with exposure to salt water may damage the enclosure.

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