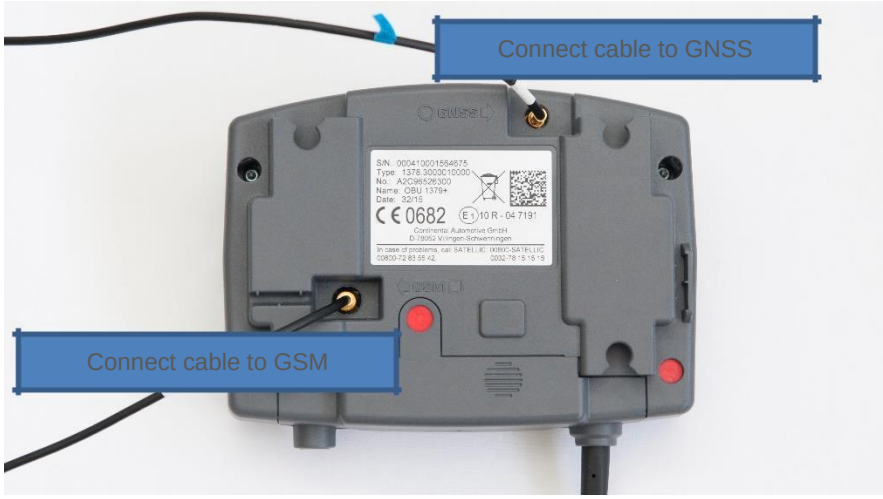
Can I install an external antenna on the OBU?

The OBU communicates with satellites (GPS/GNSS) and mobile networks (GSM) and uses internal antennas to send or receive signals. It is possible to connect an external antenna in order to improve the communication quality and/or to reduce the exposure to electromagnetic fields.

Satellic does not offer any external antenna. You may buy it at your preferred supplier or get it installed by your workshop of choice. **The external antenna is connected on the back side of the OBU to the GSM connector with a SMB male connector and to the GPS/GNSS connector with a MCX female connector.** The gsm-antenna should support 900 and 1800 Mhz cellular communication (bi-band)
The following pictures illustrate how to connect the antenna to your OBU.