



59.95 EUR

incl. 19% VAT, plus [shipping](#)

- High performance chipset !
- LED indicator for GPS fix !
- USB-C !

BU-353NC features a USB-C interface, high GPS sensitivity, and low power consumption. The BU-353NC is powered by High sensitivity GPS solution. The BU-353NC can provide you with superior sensitivity and performance even in urban canyon and dense foliage environment. The BU-353NC supports 75 channel all-in-view tracking. BU-353NC acquires and tracks satellites in the shortest time. The cable allows for easy routing to your equipment behind, headliners and side panels and terminates to a custom USB-C connector.

- High sensitivity solution
- Very high sensitivity chipset (Tracking Sensitivity: -165 dBm)
- Extremely fast TTFF (Time To First Fix) at low signal level
- Support NMEA 0183 data protocol
- Built-in Backup power to reserve system data for rapid satellite acquisition
- Built-in patch antenna
- Super-cohesive magnetic for mounting on the car
- Water resistant and non-slip on the bottom
- USB interface connection port
- LED indicator for GPS fix or not fix

->LED OFF: Receiver switched off

->LED ON: No fixed network, signal search

->LED flashes: Position fixed

| | |
|------------------|---|
| General | |
| Chipset | High performance chipset |
| Frequency | GPS, SBAS : L1, 1575.42 MHz C/A code |
| C/A code | 1.023 MHz chip rate |

| | |
|---------------------------------|--|
| Channels | 75 track verification channels |
| Sensitivity | Tracking: -165 dBm |
| Accuracy | |
| Accuracy | <2.5 meters, 2D RMS, SBAS enabled |
| Velocity | 0.1m/sec 95% (SA off), |
| Time | 1us synchronized to GPS time |
| Datum | |
| Default | WGS-84 |
| Acquisition Time | |
| Reacquisition | 0.1 sec., average |
| Hot start | < 1 sec., average |
| Cold start | < 33 sec |
| Dynamic Conditions | |
| Altitude | 18,000 meters (60,000 feet) max |
| Velocity | 515 meters /second (1000 knots) max |
| Acceleration | Less than 4g |
| Jerk | 20m/sec |
| Power | |
| Main power input | 5V (+/- 5%) DC input |
| Power consumption | 42mA @5V |
| Protocol | |
| GPS Protocol | Default: NMEA 0183 (Secondary AIROHA and almanac valid) Commands>position, velocity, altitude, status and control |
| GPS Output Data | NMEA 0183 MEA0183 V3.01/V4.10 protocol support |
| GPS transfer rate | Software command setting Default: 4800,n,8,1 for NMEA |
| Physical Characteristics | |
| Dimension | 53mm diameter, 19.2mm height |
| Cable Length | 1.5M |
| Operating temperature | -40■ to +85■ |