



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°C to +85°C