



59.95 EUR

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

- MediaTek Chip !
- LED indicator for GPS fix !
- RS232 + PS/2 !

BR-355N5 features Serial interface, high GNSS sensitivity, and low power consumption. The BR-355N5 is powered by High sensitivity GNSS solution. The BR-355N5 can provide you with superior sensitivity and performance even in urban canyon and dense foliage environment. The BR-355N5 supports 75 channel all-in-view tracking. BR-355N5 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 PS/2 connector.

In scope of supply included is a connector cable for RS232(Data)+PS/2(power).

- 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

<b>General</b>	
<b>Chipset</b>	MediaTek AG3335MN

Frequency	GPS, Galileo, QZSS, SBAS : L1, 1575.42 MHz C/A code GLONASS : L1, 1602 MHz BeiDou : B1, 1561.098 MHz
C/A code	1.023 MHz chip rate
Channels	75 track verification channels
Sensitivity	Tracking: -165 dBm
Accuracy	
Accuracy	3 meters, 2D RMS 2.5 meters, 2D RMS, SBAS enabled
Velocity	3 meters, 2D RMS 2.5 meters, 2D RMS, SBAS enabled
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 < 15 sec with AGPS
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	4.5V ~ 6.5V DC input
Power consumption	42mA @5V
Protocol	
Electrical level	Output voltage level: 0V ~ 2.85V
Baud rate	4800 bps, 8 data bits, no parity, 1 stop bit
Output message	NMEA 0183 GGA, GSA, GSV, RMC GLL, VTG, ZDA, GRS, GST
Physical Characteristics	
Dimension	53mm diameter, 19.2mm height
Cable Length	1.5M
Operating temperature	-40■ to +85■