

ANTENA GPS - MCX-A (code: 40624)



GPS antenna can be mounted both internal (eg, pit) and external in car body by a very strong magnet on the enclosure. Placing the antenna outside the car makes a better receiving signal transmitted from the satellite.

Antena with MCX-A connector can be used with:

- Alan Map
- ALTINA GBT708
- Belson BNP-101
- Booster Columbus
- Bluetooth GPS-Receiver Model: GP-27
- Billionton CF GPS
- Car Trek 200
- Emtac GPS Expansion Pack, Bluetooth Empfänger, GPSJAG, Crux Bluetooth GPS
- Falcom Navi-1
- Fortuna Pocket X Track CF, Bluetooth Xtrack, Pocket Xtrack, ClipOn Bluetooth
- Garmin Quest, iQue 3200 PDA, iQue 3600 PDA, iQue 3600, iQue M5, StreetPilot 2610 GPS,
- StreetPilot 2620 GPS, StreetPilot 2650 GPS
- Garmin StreetPilot 2660 GPS, StreetPilot c320 GPS, StreetPilot c330 GPS,
- eMap: GPS 12CX, GPS 12MAP, GPS 12XL, GPS 15, GPS 27C & GA 27
- Garmin MK-76, GPS 40, GPS 60, GPS 76, GPSMAP 60, GPSMAP 60C,
- GPSMAP 60CS, GPSMAP 76, GPSMAP 76C, GPSMAP 76CS, GPSMAP 76S
- Garmin GPSMAP 96, GPSMAP 96C, GPSMAP 175, GPSCOM 190, GPSMAP 195, NavTalk MGPS
- Holux GM-100, CR 100, GM 101, GR 230 Bluetooth, GM 250, GM-251 und GM-270 CF (LP oraz Ultra)
- iFinder H20, iFinder Hunt, iFinder Map & Music, iFinder PhD, iFinder Pro, Airmap 500
- Lowrance : iFinder, iFinder H20, iFinder Hunt, iFinder Map & Music, iFinder PhD, iFinder Pro
- Motorola: Encore GPS
- Medion: MDPNA 300, 310
- Navigon: MN 4 Empfänger, NAVIGON TriCeiverTMC BT Receiver
- NAVMAN iCN 610, 620, 630, 635, 650
- Navman GPS 3300, 3450, 4400, 4410, 4460
- Rikaline
- Royaltek RBT-3000
- Socket BT GPS
- Sony NVX-P1
- T-Mobile Navigate CEO0681 (=Falcom Navi1)

- Whistler Galileo
- Zappa Bluetooth

Below product specification guarantees the quality of our product as a single unit.

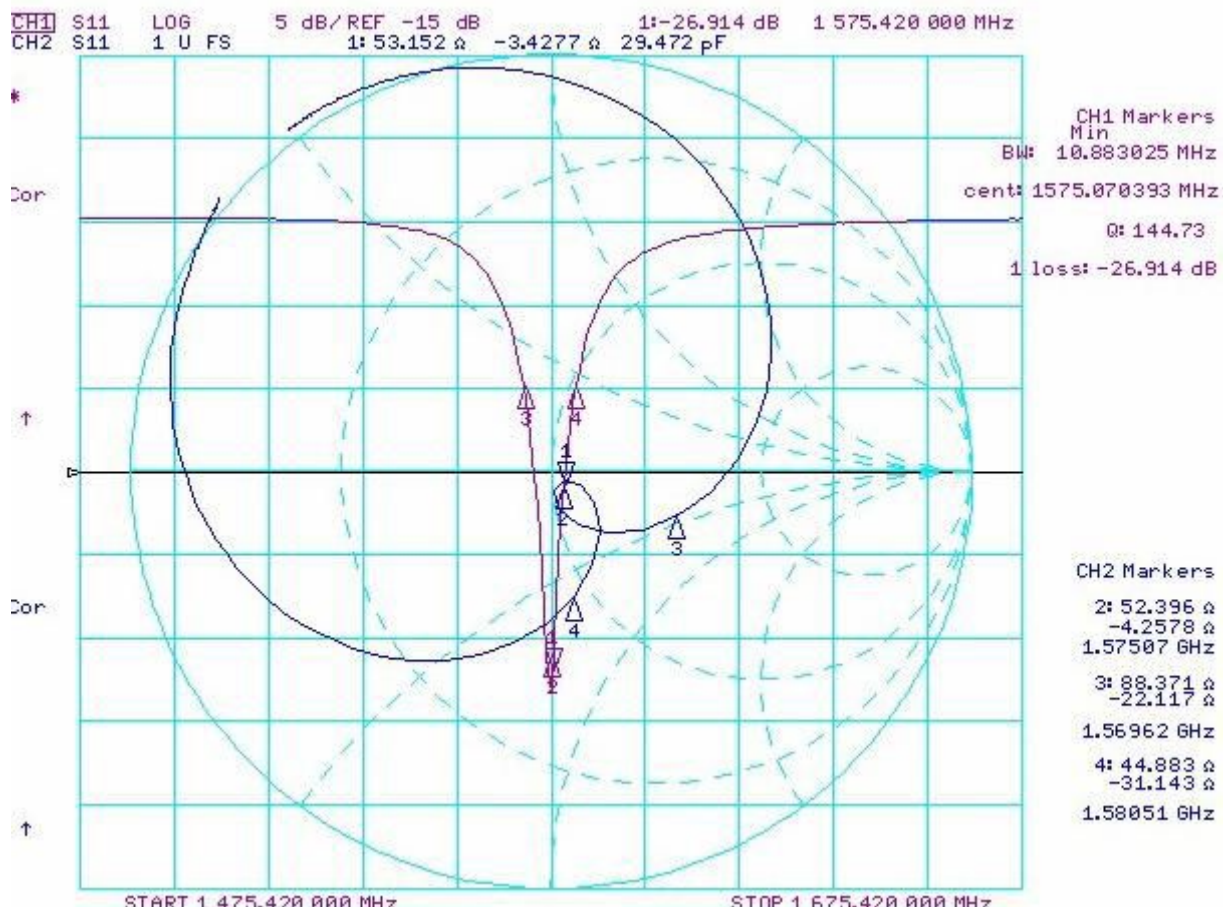
Electrostatic sensitive device. Observe precautions for handling.

Electrical characteristics		
Antenna		
1	Frequency Range	1575,42MHz±1,02 MHz
2	V.S.W.R	1,5:1
3	Band Width	> 10 MHz
4	Impedence	50 ohm
5	Gain	5dBic based on 7x7cm ground plane
6	Polarization	RHCP
LNA		
1	Frequency Range	1575,42MHz±1,02 MHz
2	DC Voltage	3 – 5V
3	Gain	28±3dB
4	Out-of-band rejection (absolute value)	≥25dB (antenna frequency +100MHz) ≥40dB (antenna frequency –100MHz)
5	Output VSWR	1,5
6	Noise figure	1,2
7	DC current	10,5 mA
		
Overall (Complete module including RF connector)		
1	Frequency Range	1575,42MHz±1,02 MHz
2	Output VSWR	1,5
3	Gain	26±3dBic
4	Impedence	50 ohm

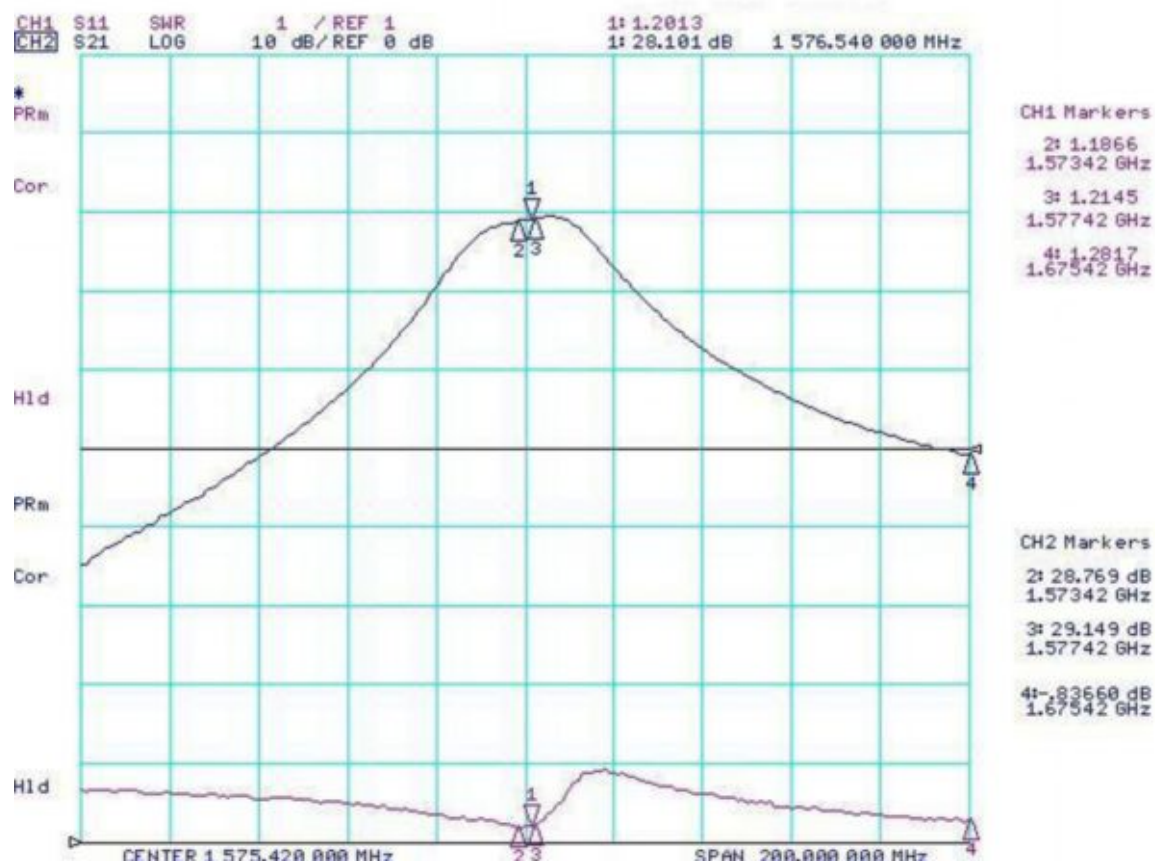
Material			
No.	Part Name	Specification	
1	Antenna	Dielectric Ceramics	
2	PCB	FR4	
3	Shielding	Tinplate	
4	RF Cable	RG174	
		Attenuation: 1,3dB/m	
		Length - 500±5cm	
5	RF Connector	MCX-A	
6	Dimensions	49,5 x 40,2 x 15,5mm ±0,5mm	

Environment condition		
1	Working temp.	-25°C ~ +65°C
2	Storage temp.	-45°C ~ +86°C
3	Vibration	Sine sweep 1g(0-p) 10~55~10Hz each axis
4	International Protection	IP67

Patch test curve (test conditions: 27x27mm ground):



LNA test curve (test conditions: DC 3,0V):



Dimensions:

