ANTENA GPS - MMCX 90° (code: 40627)

Using the magnetic foot you can simply attach the antenna below/on the car dashboard, under luggage cover or in any other location. The assembly is very easy. Plug in the cable, stick on the antenna with magnet or just the way you prefer, lay the wire – done!
Gain quality of this antenna is in nothing inferior of outside aerials.

Antena with MMCX connnector can be used with:

- Acer N35 Navigations PDA, Acer D100
- Acore AG-600 GPS
- AIRIS PDA 509, Airis T900, Airis NC05
- ALDI Medion MD 95000, MD95900 = MDPPC 150 (więcej - patrz Medion)
- AKTRONIX BT
- ADAC Blue Media Pocket PC 255 Navigon
- Blue Media Pocket PC 255
- Blue Media Navigation System 6300/ Penny Navigation PNA BM 6300 , Bluemedia BM 6380
- BT Empfänger BT-R500, BT Empfänger BR-R700, CF Empfänger ST-K500, ST-BTS 110, STBT110, ST-CF110
- Delorme Blue Logger GPS
- eBonTek eGPS 248 Bluetooth
- eGPS 248 Bluetooth
- Falk NAvigator SC/Pro
- Gatox BT-3000
- Globalsat GlobalSat BC-307, GlobalSat BT-318, GlobalSat SDIO GPS BT 338
- GO Pass Bluetooth
- Haicom CF, HI-302CF, HI-303CF/MMF, Multi Mode Foldable
- Hamlet bluetooth gps
- HOLUX GR 236 BLUETOOTH Slim
- InfoRAD GPS
- InView G1
- Kirrio BT 306, BT 308
- Lidl MYGUIDE Navigator 6500 XL/ MYGUIDE Navigator 6500 XL TMC Edition
- Leadtek LR 9537, 9534
- MDPNA 150 (MM95242, Micromaxx, Lidl, Plus, Cybercom), MD PNA 200 (= DigiWalker 136), PDA Medion 40600, MD 95900, Mio 136 (MDPNA 150 - Abarten:95023, 95058, 95069, 95084, 95085, 95119, 95145, 95157, 95161, 95164, 95165)PNA, MD 95497, MD 95379 , MD 95296, MD 96900, MD 96700
- MEDION MD 95000, Medion MDPNA 150 (Micromax), MD PNA 200 (= DigiWalker 136), MD95084, MD 95023, MD95900, MD 95085, Plus MD PPC 150 (Micromaxx), Medion MD95308, diverse Medion

MDPNA: 150/ 175/ 200/ 200S/ 220/ 220T/ 240/ 240T/ 250/ 250T, MD 95119, MD 96800 = MD95497 = MD95296.
- Mitac Mio 168, Mio 268, Mio 136, Mitac Mio 268, Mitac Mio 269, MIO 269+, Mio 269 Plus, Mio A201
- Navibe GB621
- Navman iCN 510, Navman PiN Pocket PC, Navman PiN 300 Pocket PC
- NAVIGON Bluetooth KIT m. MMCX, Navigon PNA
- Navilock Compact Flash (BC-307), Bluetooth GPS (BT-308)
- NEMERIX GPS GPS-BT77
- PRETEC Compact GPS-LP
- Penny Navigation PNA BM 6300
- Plus MDPPC150 Micromaxx
- RN - GPS Empfänger 600
- Transonic 4000 PNA, Transonic PNA3002
- TFAC BT-30 Bluetooth GPS
- TYPHOON My Guide 3500, My Guide 3500SC, TYPHOON My Guide 3500 XL, MyGuide 3500 GO, My Guide 7000 XL
- TOM TOM (NOTE: please consider that on the market there are also TOM TOMs with MCX socket)
- Transonic 4000 PNA
- Xaiox BT 15xxx, XAIOX Wonde X, XAiOX NavOne 2.0
- Yakumo DeltaX GPS
- Yakumo Delta 300 GPS
- Yakumo Alpha GPS, Yakumo AlphaX
- My Guide Navigator 6500 XL (LIDL)
- ViaMichelin Mio168 GPS Navigation Pack, Viamichelin Navigation X-930

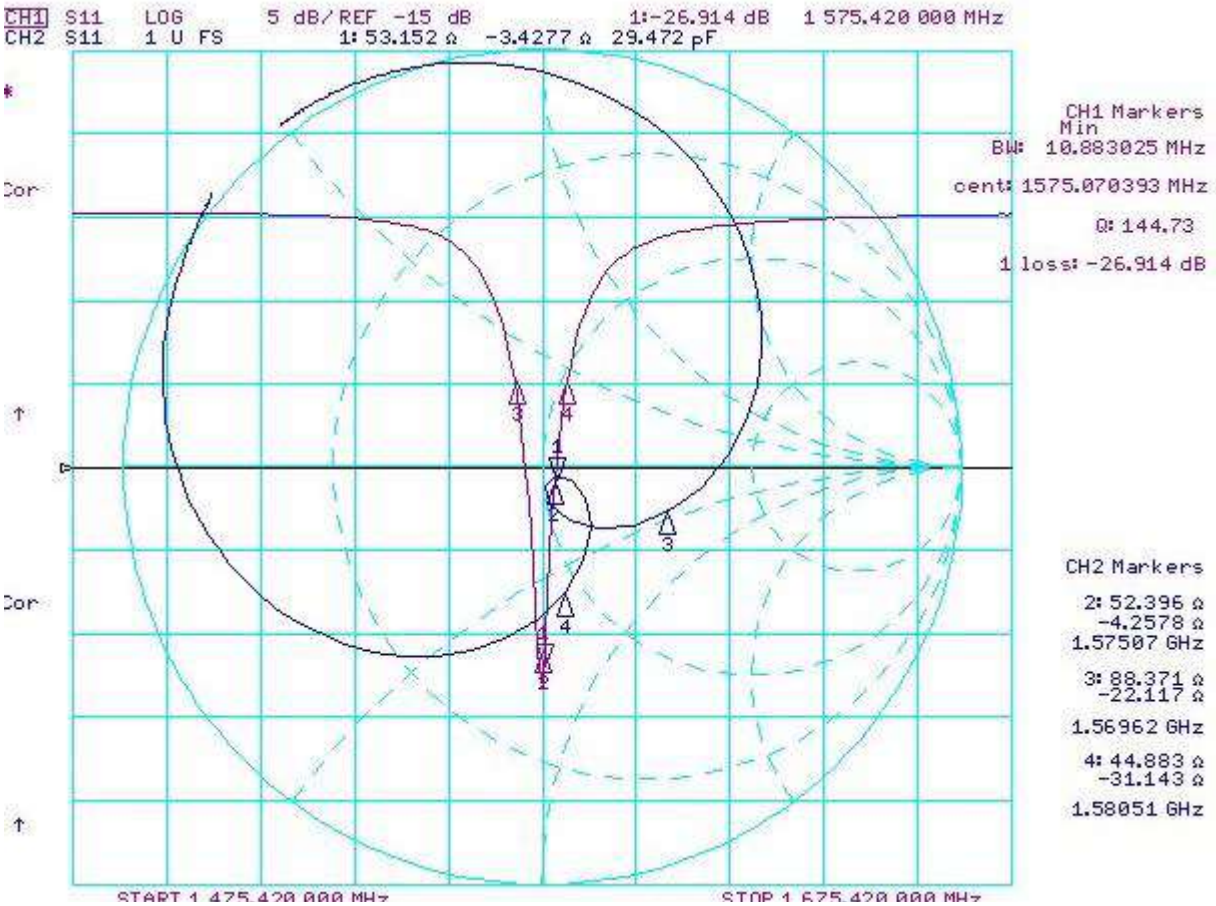
Below product specification guarantees the quality of our product as a single unit.
Electrostatic sensitive device. Observe precautions for handling.

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	Impendence	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	Impendence	50 ohm

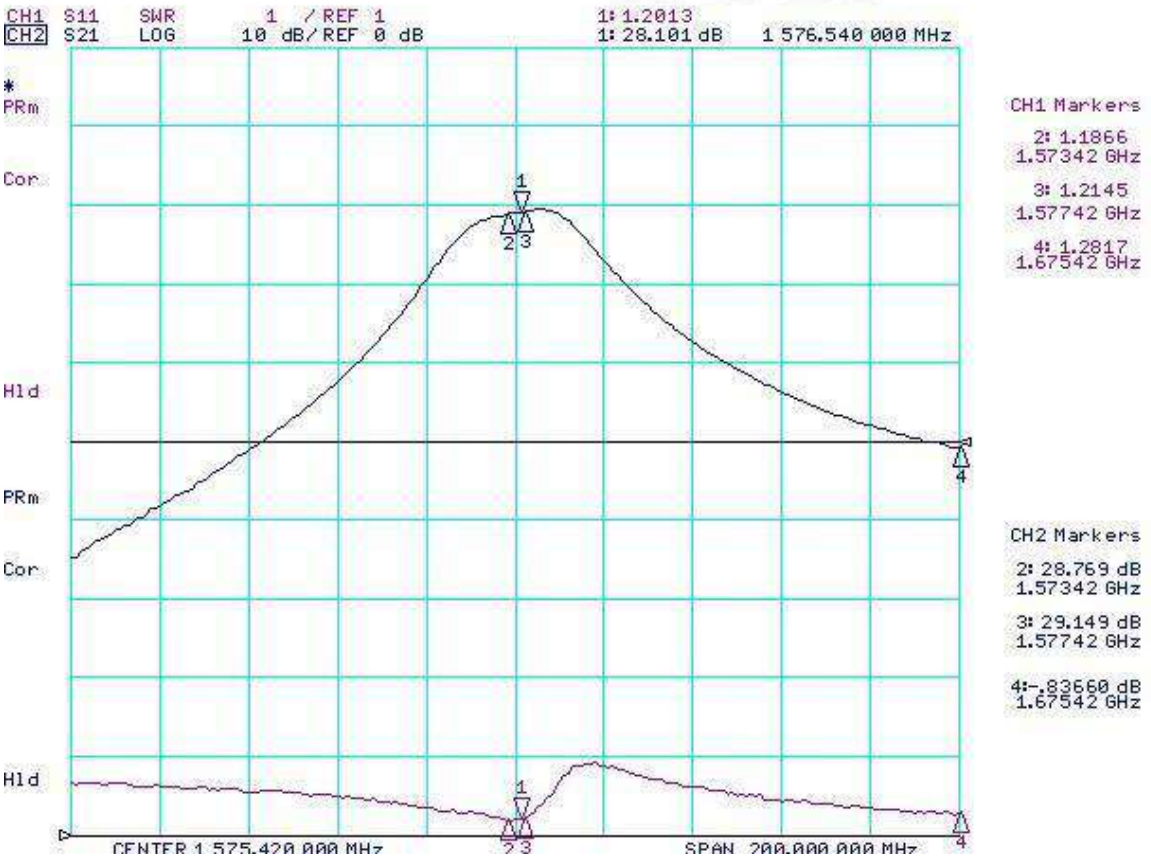
Material			
No.	Part Name	Specification	
1	Antenna	Dielectric Ceramics	
2	PCB	FR4	
3	Shielding	Tinplate	
4	RF Cable	RG174	
		Attenuation: 1,3dB/m	
		Length - 500±5cm	
5	RF Connector	MMCX	
6	Dimensions	49,5 x 40,2 x 15,5mm ±0,5mm	

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

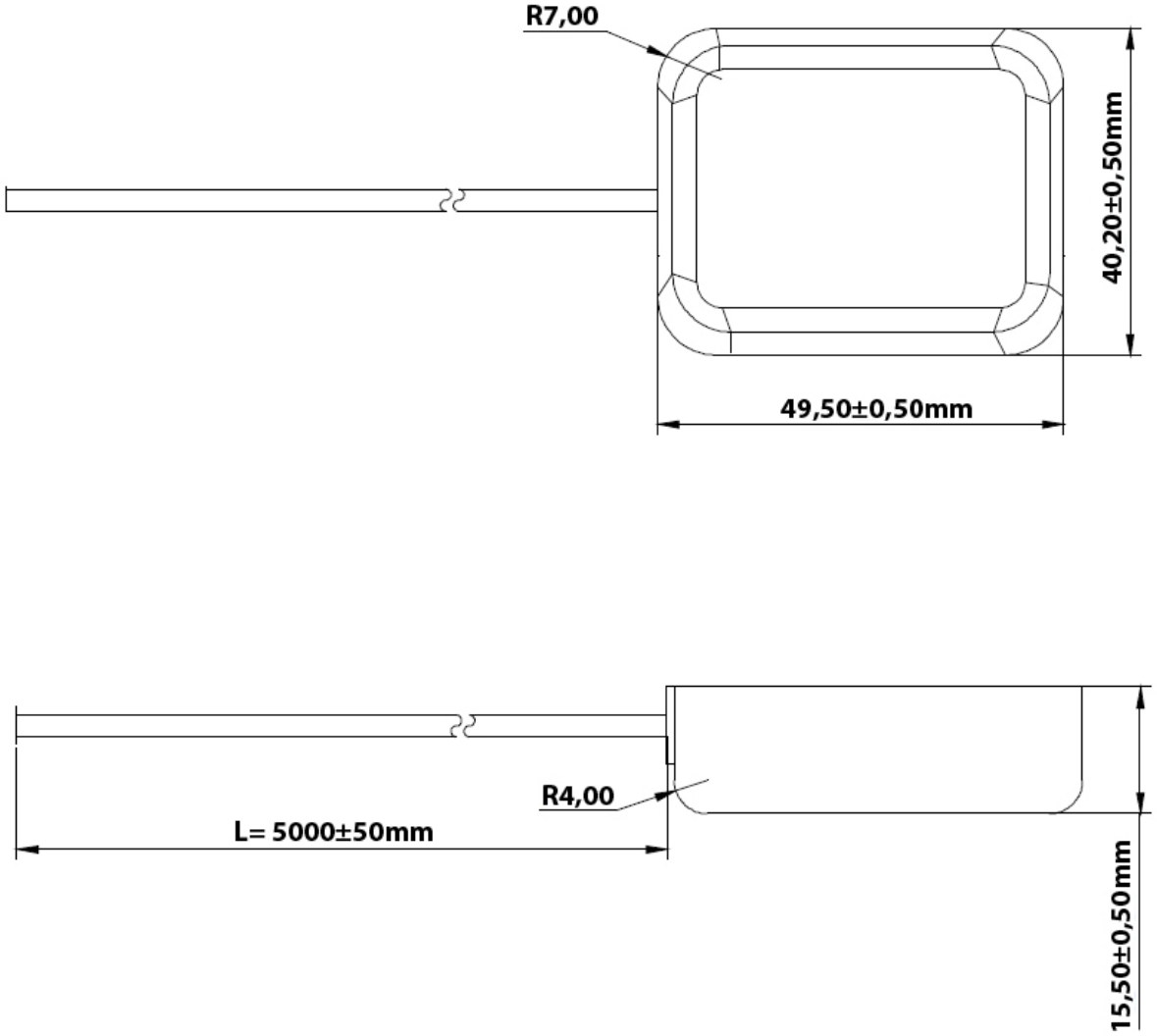
Patch test curve (test conditions: 27x27mm ground):



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



Dimensions:



MMCX 90° connector