

Scope of Application:

1-1 Automotive electronics, vehicle orientating, navigation, anti-theft system, monitoring devices ect;

1-2 Emerging electronic products and consumer electronics that requires stronger GPS signals, such as drive recorder;

Structure Characteristics:

Weight: <100(g)

Dimension: 49*37.6*15.5

Cable Type: RG174

Length: 5 m

Model: FAKRA-Plug (blue straight-type plug)

Mounting: Magnet

Housing Color: Black

Packing: Ultrasonic

Environmental Characteristics:

Working Temp: - 40 °C ~ + 85 °C

Limiting Temp: - 40 °C ~ + 90 °C

Humidity 95% No Condensation

Reliability 40°C±5°C

Temp -40°C ~ 90°C

Relative Humidity 10 to 95% RH

Electrical Specifications:

**The electrical properties of the samples described in the approval sheet were measured under the following conditions: temperature: 25 ± 15 °C; humidity: 65 ± 20% RH; power set by the instrument: 1uW; air pressure: (0.96 ± 0.1) x 105 Pa; all experimental data were measured in the microwave anechoic chamber when the patch antenna was connected with a 70x70mm earthplate.

Patch SPerformance Inndicator:

Parameter	Specifications
Dimension	25x25x4
Center Frequency	1561.09~1575.42MHz
Bandwith (10dB reflection)	>10MHz
Peak Gain	3.0dbic (grounding area: 70x70mm)
VSWR	<1.5
Polarization	Circular (RHCP)

LAN Performance Inndicator:

Parameter	Specificalitons
Gain	27 ± 2 dB
Noise Coefficient	1.5dB typ.
Output VSWR	<2.0typ.
Voltage	DC 3~5V
Current	<15mA
Impedance	50 Ω

Appearance:

