

3947D GPS/Cellular/3G/2.4 GHz Combined Covert/Dash Antenna

The 3947D GPS, Quad Cellular, 3G & 2.4 GHz ISM Band antenna is an excellent choice for Telematics systems requiring dependable and highly accurate positioning data. It is also ideal for clear and consistent host-to-vehicle communications.



Features

- GPS, Quad-band Cellular & 2.4 GHz band reception
- Semi-flexible for covert installations
- Excellent out-of-band signal rejection
- High gain active GPS antenna
- Easy to install



Antenna Electrical Specifications (Cellular/3G/2.4 GHz)

Frequencies:
824-960 MHz
1710-2200 MHz
2400-2500 MHz

Nominal Impedance:
50 Ohm

VSWR:
≤1.5:1

Nominal Gain:
2 dBi

Antenna Response (GPS)

Frequency Range	Nominal Gain	Noise Figure (typical)	Polarization	VSWR
1575.42 MHz	28 dB	1.5 dB	Right Hand Circular	≤1.5:1

Antenna Electrical Specifications (GPS)

Voltage	Current Draw
3 - 5 VDC	9.0 mA @ 3.5V

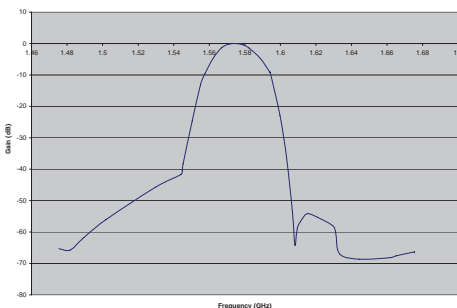
Mechanical Specifications

Antenna Dimensions	Housing	Cable	Connectors
5.2" x 2.3" x .3" (132.1 x 58.9 x 8.5mm)	Lexan® covered urethane foam	Two 9.8' (3 meters) RG174	2 x SMA male

Environmental Specifications

Temperature Range
-40° C to +85° C operating

GPS Antenna out-of-band Filter Rejection



Cellular/3G/2.4 GHz Antenna Gain

