

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



3947D

STANDARD CONFIGURATION

Model	Cable	Connector
3947D	Two 9.8' (3 meters) RG174	2 x SMA male

ELECTRICAL SPECIFICATIONS - RF ANTENNA

Nominal Impedance	VSWR	Maximum Power	Nominal Gain
50 Ohm	≤1.5:1	10 watts	2 dBi

ELECTRICAL SPECIFICATIONS - GPS ANTENNA

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

ELECTRICAL SPECIFICATIONS - GPS ANTENNA

Voltage	Current Draw	Nominal Impedance
3 – 5 VDC	9.0 mA @ 3.5V	50 ohms

MECHANICAL & ENVIRONMENTAL SPECIFICATIONS

Dimensions	Housing Material	Temperature Range
5.2 L x 2.3 H x .3 D in (132.1 x 58.9 x 8.5 mm)	Lexan® covered urethane foam	-40°C to +85°C operating