



a time and place...  
for everything

## Wi-Sys Communications Inc.

### WS3930 Quad-band Cellular + 3G Dash/Covert Mount & Embedded Antenna

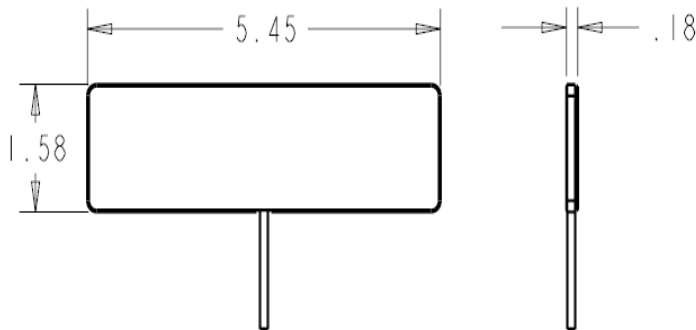
#### Applications:

- ◆ Quad-band Cell & 3G Telematics
- ◆ M2M Applications
- ◆ In-Vehicle Covert Installations
- ◆ Wireless Remote Monitoring



The WS3930 Quad-band Cellular + 3G Covert Antenna provides exceptional signal reception across public 2G and 3G Cellular wireless networks, virtually everywhere in the world. The antenna is tuned to receive 824-894 MHz (cell), 890-960 MHz (GSM), 1710-1880 MHz (European), and 1850-1990 MHz (N. American) frequencies, as well as 1885-2200 MHz (US & Euro 3G/UMTS/W-CDMA) band. Housed in an ultra-thin, semi-flexible Lexan® covered urethane foam package for covert, dash-mount and embedded installations, the WS3930 Quad-band Cellular + 3G covert antenna is the perfect solution for cutting-edge TELEMATICS and M2M platforms.

#### Dimensions: (in inches)



#### Features:

- ◆ Quad-band Cellular and 3G (UMTS/ W-CDMA) Reception
- ◆ Ultra-thin, semi-flexible package
- ◆ Embedded, Covert and Dash Mount
- ◆ Easy to install
- ◆ Wide range of connector types available
- ◆ Low price

#### Ordering information:

WS3930-3M-SMA: 3 Metre cable / SMA straight connector / Lexan® covered urethane foam package



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### WS3930 Quad-band Cellular + 3G Covert Antenna

*The WS3930 is features a custom-designed high performance quad-band cellular + 3G antenna in an ultra-thin, flexible package. With a wide range of connectors, the WS3930 is the perfect solution for in-vehicle Telematics and embedded M2M installations.*

### Other Wi-Sys Embedded & Covert Antennas

**WS3938:** 3G + 2.4 GHz Covert antenna

**WS3947:** Active GPS + Quad Cell + 3G + 2.4 GHz Combined Covert or Glass mount antenna

**WS3950/WS3960:** High gain, low noise Embedded antenna

**WS3954/WS3964:** low current Embedded GPS antenna

**WS3957/WS3967:** low price filtered Embedded GPS antenna

**WS4051/WS4061:** High gain, low noise Connectorized Embedded antenna

**WS4055/WS4065:** low current Connectorized Embedded GPS antenna

**WS4057/WS4067:** low price filtered Connectorized Embedded GPS antenna

## Technical Specifications

### Environmental Specifications

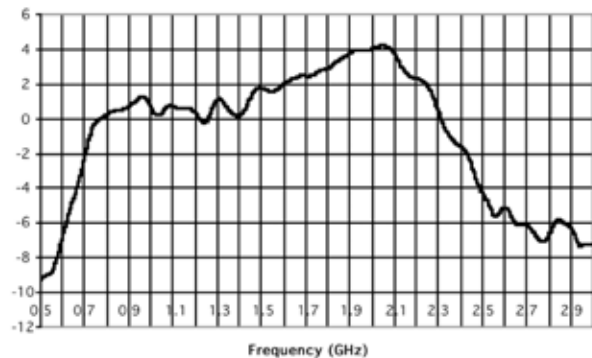
- ◆ Operating Temp: -40c to +85c
- ◆ Humidity: 95% max (non condensing)

### Mechanical

- ◆ Dimension:  
WS3930: 5.45" x 1.58" x .18"  
(138.4mm x 40.1mm x 4.57 mm)
- ◆ Material: Lexan® covered urethane foam
- ◆ Cable: 1.5 DS-QEHV Shikoku Cable
- ◆ Cable length: 3 Meters (Standard), other lengths available.
- ◆ Cable loss: 1.0 dB/m typical
- ◆ Connector: SMA standard, other connectors available

### Electrical

- ◆ Frequencies: 824-894 MHz (Cellular)  
890-960 MHz (GSM)  
1710-1880 MHz (Europe)  
1850-1990 MHz (N. America)  
1885-2200 MHz (US & EU 3G)
- ◆ Output Impedance: 50 Ohm Nominal
- ◆ VSWR: < 2.0
- ◆ Gain:



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