



a time and place...
for everything

Wi-Sys Communications Inc.

WS3930 Quad-band Cellular + 3G

Dash/Covert Mount & Embedded Antenna

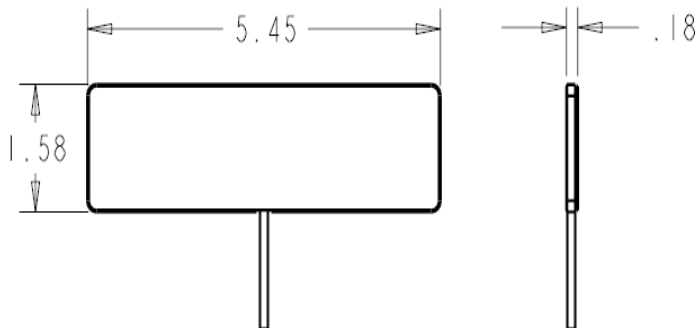
Applications:

- ◆ 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

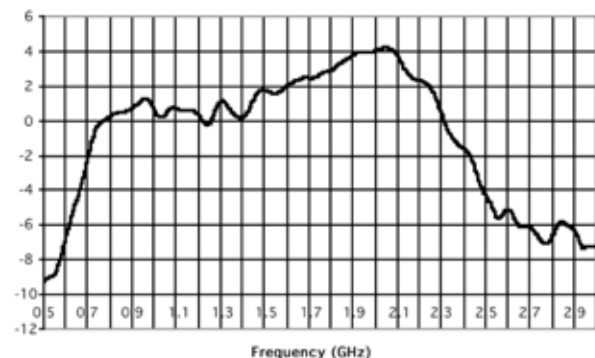
- ◆ Operating Temp: -40c to +85c
- ◆ Humidity: 95% max (non condensing)

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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