FLEET MANAGEMENT AND ASSET TRACKING GPS SOLUTIONS

OUR OFFERING

• High rejection mitigation for high interference applications
• Iridium, Globalstar, INMARSAT, GLONASS and GPS frequencies (GPS L1, GPS L2, GPS L5)
• Smart antennas with integrated receivers
• Circular right hand or left hand polarizations
• Precision tuned helical and patch designs optimized for custom enclosures
• Single band, multi-band, MIMO (Multiple Input, Multiple Output) and diversity models
• Permanent, magnetic, tape, glass, embedded and portable man-pack mount configurations
• Rugged, aesthetically pleasing designs
• Various product platforms to accommodate diverse budget and performance requirements

OUR CAPABILITIES

• Manufacturing locations in the USA and Asia
• Top of the line Stargate 24 anechoic antenna test chambers
• The latest in electrical simulation and mechanical design software tools
• In-house environmental test facilities

PCTEL, Inc. | www.antenna.com | 800.323.9122 | NASDAQ: PCTI
APPLICATIONS

- Fleet Management / Tracking
- Public Safety
- Railroad (Positive Train Control)
- Telematics
- Agriculture
- Utilities
- Commercial Delivery
- Mass Transit
- Military & Defense
- Aviation
- Timing Synchronization

MULTI-BAND GPS MOBILE ANTENNAS

MAX-BAND
- Heavy Duty, IP67*
- 698 MHz-6 GHz + GPS
- WiFi MIMO option
- Superior out-of-band rejection

MEDALLION™
- 806-960 MHz / 1710-2170 MHz, 2.3-3.6 GHz + GPS
- Heavy Duty, IP67*
- Low profile permanent mount

WI-SYS 3947D
- 824-960 MHz / 1710-2200 MHz, 2.4-2.5 GHz + GPS
- Covert dashboard installations (inside vehicle)
- High gain active antenna
- Flexible housing

GPSHP-UWB
- 380-430 MHz TETRA, 698 MHz-2.5 GHz, 2.3-2.56 Hz + GPS
- Heavy Duty, IP67*
- Superior out-of-band rejection

MAX-MATICS
- Heavy Duty, IP56*
- Mobile antenna interface (up to 6 GHz)
- LNA with superior out-of-band rejection
- Permanent, magnet or mirror mount

GPSGSM
- Cellular/PCS + GPS
- Value line model
- 3/4” or 5/8” OD hole installations
- Permanent or magnetic mount

*When properly installed on a vehicle’s rooftop
SMART ANTENNAS WITH INTEGRATED GPS RECEIVERS

- Rugged, low profile housings.
- Embedded, magnetic or permanent mount options
- USB, CMOS, RS232 and RS422 digital interfaces
- Custom smart reporting capability for specific radio manufacturers
- Single band GPS, GPS multi-band combination and timing reference antenna designs

HIGH REJECTION ANTENNAS

- Low profile housings
- Permanent, magnetic, glass and tape mount options
- Embedded antenna designs
- Superior out-of-band rejection properties
- Low noise amplifiers
- High gain models
- Various connector options
- OEM grade and value line platforms to fit various budget requirements

SPECIALIZED GNSS SATELLITE ANTENNAS

- Synchronized timing reference antennas
- Airborne (DO-160 tested) designs
- Precision Wide Area Augmentation (WAAS) for aviation
- Globalstar, Iridium and INMARSAT antennas
- GPS L1, L2, L5, GLONASS, Galileo
- Passive, embedded and housed solutions
## PRODUCT SELECTION MATRIX

<table>
<thead>
<tr>
<th>Product Series</th>
<th>Features</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Multi-Band GPS Combination</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>WiFi, 4G LTE, WiMAX, TETRA Mobile Data Capable</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>MIMO (Multiple-Input, Multiple-Output) Capable</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Smart Antenna Models with Integrated Receiver</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Low Noise Figure (Use in Poor Signal Reception Areas)</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>High Out-Of-Band Rejection (Use in Proximity of Transmitting Antennas or High RF Noise Areas)</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Low Current Draw (Use in Scenarios Involving Extended Cable Runs)</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>High Gain (Use in Scenarios Involving Extended Cable Runs)</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Mounting Method:</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td>- Permanent (P)</td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td>- Magnetic (MG)</td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td>- Glass (G)</td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td>- Multiple (MUL)</td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td>- Value Line (to address low budget constraints)</td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Fleet Management and Asset Tracking</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Signal Timing Synchronization</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Covert Security, Public Safety, Defense</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Personal Navigation</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Precision Agriculture (Heavy Duty)</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Backpack / Portable Devices (&lt;8 mA current draw)</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
<tr>
<td></td>
<td><strong>Airborne Navigation</strong></td>
<td><strong>Response Analysis</strong></td>
</tr>
</tbody>
</table>

### Optimal Solution

- **√** Good Solution

Please refer to PCTEL Antenna Products Catalog for detailed model specifications.

N/A: Embedded antenna models are designed for customized enclosures and can be adapted to meet various mounting requirements.

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