Sierra Wireless Antenna – 3-in-1 Bat

Efficient element design assures high performance and robust communication links, this BAT antenna is purposely designed for high-speed Telematics applications and can be mounted on any non-conductive surface. The isolated dual 2G/3G/4G LTE antenna elements cover 698-6000MHz and GNSS. The antenna comes with a low loss flame retardant cable.

<table>
<thead>
<tr>
<th>Specification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PART NO.</strong></td>
<td>6001200</td>
</tr>
<tr>
<td><strong>ELECTRICAL DATA</strong></td>
<td></td>
</tr>
<tr>
<td>Frequency Range</td>
<td></td>
</tr>
<tr>
<td>3G/4G Elements</td>
<td>698-960/1710-3800/4900-6000MHz</td>
</tr>
<tr>
<td>GNSS</td>
<td>1562-1612MHz</td>
</tr>
<tr>
<td>Peak gain: Isotropic¹</td>
<td></td>
</tr>
<tr>
<td>3G/4G Elements</td>
<td>2dBi (698-960MHz), 3dBi (1710-2170MHz), 5dBi (2500-3800MHz)</td>
</tr>
<tr>
<td>VSWR²</td>
<td>&lt;2.5:1</td>
</tr>
<tr>
<td>Isolation²</td>
<td>&gt; 10dB</td>
</tr>
<tr>
<td>Pattern</td>
<td>Omni-directional</td>
</tr>
<tr>
<td>Impedance</td>
<td>500</td>
</tr>
<tr>
<td>Max Input Power</td>
<td>25W</td>
</tr>
<tr>
<td><strong>GPS/GNSS DATA</strong></td>
<td></td>
</tr>
<tr>
<td>Frequency Range</td>
<td>1562-1612MHz</td>
</tr>
<tr>
<td>VSWR²</td>
<td>&lt;2.1 ± 4MHz</td>
</tr>
<tr>
<td>Gain: LNA</td>
<td>26dB</td>
</tr>
<tr>
<td>Polarisation</td>
<td>Right Hand Circular</td>
</tr>
<tr>
<td>Operating Voltage</td>
<td>3-5V DC</td>
</tr>
<tr>
<td>Current</td>
<td>Typical &lt;20mA</td>
</tr>
<tr>
<td>Approvals</td>
<td>E11</td>
</tr>
</tbody>
</table>

¹Peak gain does not include cable attenuation
²VSWR & Isolation measured on 3mm thick AGA with 3m (10') of CS29 cable
## MECHANICAL DATA

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>16.5mm (0.65&quot;)</td>
</tr>
<tr>
<td>Length</td>
<td>214mm (8.4&quot;)</td>
</tr>
<tr>
<td>Width</td>
<td>77mm (3.0&quot;)</td>
</tr>
</tbody>
</table>

## Operating Temp

-30° / +70°C (-30° / 158°F)

## Material

ASA

## Color

Black

## Weight

350g

## MOUNTING DATA

Mounting Type: Adhesive

## CABLE DATA

### Cell / LTE Cables

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Length</th>
<th>Termination</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS29</td>
<td>3m (10ft)</td>
<td>SMA Plug</td>
</tr>
</tbody>
</table>

### GPS Cable

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Length</th>
<th>Termination</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG174</td>
<td>3m (10ft)</td>
<td>SMA Plug</td>
</tr>
</tbody>
</table>

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**About Sierra Wireless**

Sierra Wireless (NASDAQ: SWIR) (TSX: SW) is a world leading IoT solutions provider that combines devices, network services, and software to unlock value in the connected economy. Companies globally are adopting 4G, 5G, and LPWA solutions to improve operational efficiency, create better customer experiences, improve their business models, and create new revenue streams. Sierra Wireless works with its customers to develop the right industry-specific solution for their IoT deployments, whether this is an integrated solution to help connect edge devices to the cloud, a software/API service to manage processes with billions of connected assets, or a platform to extract real-time data to improve business decisions. With more than 25 years of cellular IoT experience, Sierra Wireless is the global partner customers trust to deliver them their next IoT solution.

For more information, visit www.sierrawireless.com.