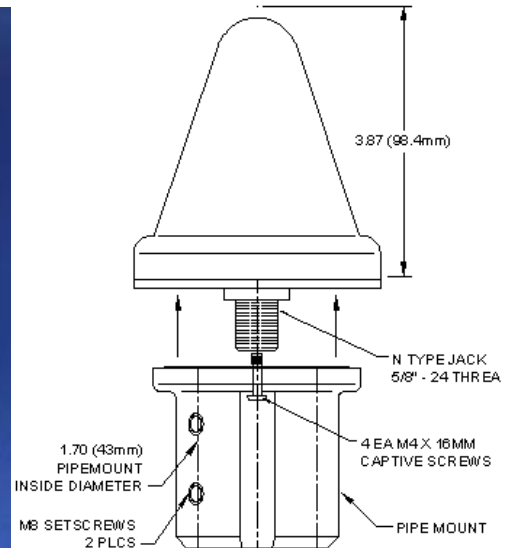




## GPS100 Antenna



The GPS100 GPS antenna is a high quality filter to suit most GPS receivers such as used in the GPS10RBN frequency standard. It has the following features:

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Triple filtered low noise amplifier.</li> <li>• Lightning protection to IEC61000-4-5 built in.</li> <li>• Cast aluminum base with white polycarbonate top.</li> <li>• Centre Frequency: 1575.42 MHz.</li> <li>• LNA Gain: typically 38 dBi</li> <li>• Bandwidth: 10 MHz</li> <li>• Filtering: -60 dB @ plus/minus 50 MHz from centre frequency.</li> </ul> | <ul style="list-style-type: none"> <li>• Noise Figure: 1.8 dB</li> <li>• Output VSWR: 1.5</li> <li>• Output Impedance: 50 ohms</li> <li>• Power Input: +5V with reverse protection.</li> <li>• Current: 27 mA max. Typically &lt; 21 mA.</li> <li>• Size: 90 mm dia x 120 mm including connector</li> <li>• Operating Temperature: -45 °C to +85 °C</li> <li>• Mounting Pipe Clamp</li> </ul> |
|---|---|

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Full specifications available from [www.ptsyst.com](http://www.ptsyst.com). Specifications and features subject to change without notice (080212)