



MAXTENA, INC.
ANTENNA INNOVATIONS COMPANY
1715 PRATT DR., SUITE 2800
BLACKSBURG, VA 24060
1-877-MAXTENA (629-8362)
INFO@MAXTENA.COM

GPS Built-In Antenna M1575D137i



PRODUCT DESCRIPTION

The Maxtena M1575D137i antenna features a LNA assembly providing 28 dB of gain and 2.7 to 5 DC Voltages. This active GPS antenna provides GPS support for a variety of applications. The compact size of 13mmX13mmX7.5mm is ideal for integration.

SPECIFICATIONS

| | Min | Typical | Max | Unit |
|--------------------------|---------|---------------|---------|------|
| Frequency | 1575.42 | 1575.42 | 1578.42 | MHz |
| Polarization | | Right-Hand | | RHCP |
| Noise Figure | | 1.5 | | dB |
| LNA Gain (without cable) | | 28 | | dB |
| Bandwidth | | +5 | | MHz |
| Supply Voltage | | 2.7-5.0 | | Vdc |
| V.S.W.R | | 1.5 | | dB |
| Impedance (differential) | | 50 | | Ohms |
| Overall Dimensions | | 13 x 13 x 7.5 | | mm |
| Operating Temperature | -40 | | +85 | °C |