

GPS-1575-40DBN



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GPS ANTENNA WITH LNA

?: ????
14 Days
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[??????????](#)

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| 1. OVERALL PERFORMANCE (ANTENNA ELEMENT, LNA & CABLE): | | | |
|--|--|-------|-----|
| Center Frequency | 1575.42±5MHz(When covered with a radome and me assured by LNA ground plane) | | |
| Gain | 38dB±2dBi typ | | |
| Noise Figure | 2.7dB max | | |
| Polarization | Right Hand Circular Polarization(R.H.C.P) | | |
| 3db beam width | 110±10° | | |
| Front to back ratio | 10dB min | | |
| Axial Ratio | 5 dB max | | |
| Output VSWR | 2.5 max | | |
| P1dB(out) | >0dBm | | |
| Out Of Band Rejection | f0=1575.42MHz | | |
| | f0=1575.42MHz±30MHz | 30dbc | min |
| | f0=1575.42MHz±50MHz | 50dbc | min |
| | f0=1575.42MHz±100MHz | 70dbc | min |
| Output Impedance | 50ohm | | |
| Voltage | DC: 4V~6V (Through the coaxial cable: The inner conductor "+", The outer conductor "-") | | |
| Current | 45mA max | | |
| Surge resision | Surge resision according to IEC61000-4-5 std. at 4kv, 1.2/50us, Output impedance 2D. of Instrument | | |
| Weight | <1kg | | |

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|-----------|----------|
| Connector | N-Female |
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