

# GNSS01 (WHITE)

## Low-Profile Active Marine GNSS-Antenna - White

Active GNSS antenna for through-hole deck or bracket mounting.

- For navigation and tracking purpose
- Low profile design
- Non-corrosive

## ELECTRICAL SPECIFICATIONS

|                              |  |
|------------------------------|--|
| Frequency                    | 1561.1 MHz, 1575.42 MHz, 1598.1 - 1605.4 MHz (GLONASS/GPS & Galileo/ BeiDou) |
| Impedance                    | 50 ohm   |
| Satellite System             | GLONASS, GPS, Galileo and BeiDou   |
| Polarisation                 | RHC (Right Hand Circular)  |
| LNA Gain                     | 26 dB  |
| Noise Figure                 | 1.35 dB  |
| Supply voltage               | 3 - 5.5 V DC (Fed via cable)   |
| Current consumption, average | 20 mA  |



## Datasheet

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## MECHANICAL SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Color                 | White   |
| Height                | 15 mm   |
| Weight                | 60 g  |
| Diameter              | Ø 48 mm   |
| Mounting              | Bolt-on with adhesive tape for effective sealing  |
| Mounting Place        | On horizontal surface (Max panel thickness 20 mm) |
| Mounting Instruction  | Unobstructed view to satellites                   |
| Mounting hole         | Ø 13 mm   |
| Materials             | ABS, PE, brass and PCB                            |
| Operating Temperature | -40C to +70C                                      |
| Connector             | FME-male (Integrated in base)                     |
| Cable                 | No cable supplied                                 |
| Ingress protection    | IP65 (When mounted)                               |

## ORDERING INFORMATION

|     |   |
|-----|---|
| P/N | 16001-000 (Antenna only - bulk packing) |
| P/N | 16001-001 (Antenna only - in Polybag)   |

## PACKAGING INFORMATION

|        |  |
|--------|--|
| Type   | Bulk packing or individually packing in Polybag or Carton tube<br>(See "ORDERING INFORMATION") |
| weight | Approx. 100 g  |

