

# CA01-1502-01

## Low Profile GNSS Antenna

Active GNSS antenna for through-hole deck mounting.

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



## ELECTRICAL SPECIFICATIONS

|                              |                                   |
|------------------------------|-----------------------------------|
| Frequency                    | 1574.42 - 1576.42 MHz             |
| Bandwidth                    | 2 MHz                             |
| Impedance                    | 50 Ohm                            |
| Satellite System             | GPS and Galileo                   |
| LNA Gain                     | 28 dBi                            |
| Noise Figure                 | 1.5 dB                            |
| Polarisation                 | RHC (Right Hand Circular)         |
| Supply Voltage               | 2.3 - 5.6 VDC (Fed via cable)     |
| Current Consumption, Average | 8.6 mA @ 3 VDC<br>16.6 mA @ 5 VDC |

Datasheet

MECHANICAL SPECIFICATIONS

|                       |                               |
|-----------------------|-------------------------------|
| Color                 | Black                         |
| Diameter              | 80 mm                         |
| Height                | 23 mm (45 mm including screw) |
| Weight                | 150 g                         |
| Mounting              | Bolt-on                       |
| Mounting Hole         | Ø 17 mm                       |
| Mounting Place        | On horizontal surface         |
| Build-In Depth        | 20 mm                         |
| Materials             | PA, brass and PCB             |
| Operating Temperature | -30 to +85 °C                 |
| Connector             | SMA-male                      |
| Cable                 | 5.0 m RG174/U                 |
| Serial No.            | On product label              |
| Ingress Protection    | IP65 (When mounted)           |

ORDERING INFORMATION

|              |        |
|--------------|--------|
| CA01-1502-01 | In Bag |
|--------------|--------|

