

SATFIX-1

Compact Active 5 V GNSS-Antenna for roof mounting

Active mobile GNSS antenna for through-hole roof 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 | Black |
| Height | 15 mm |
| Weight | 110 g |
| Diameter | Ø 48 mm |
| Mounting | Bolt-on with adhesive tape for effective sealing |
| Mounting Place | On horizontal surface |
| Mounting Instruction | Unobstructed view to satellites |
| Mounting hole | Ø 13 - 20 mm |
| Build-in Depth | Approx. 17 mm |
| Materials | ABS, PE, brass and PCB |
| Operating Temperature | -40°C to +70°C |
| Connector | See "ORDERING INFORMATION" (Other types available) |
| Cable | See "ORDERING INFORMATION" (Other lengths available) |
| Ingress Protection | IP65 (When mounted) |

ORDERING INFORMATION

| | |
|-----|--|
| P/N | 40200 (0.15 m cable + FME-male) |
| P/N | 40200IP (0.15 m cable + FME-male - Bulk packing) |
| P/N | 40203 (0.15 m cable + FME-female) |
| P/N | 40203IP (0.15 m cable + FME-female - Bulk packing) |
| P/N | 40218IP (0.15 m cable + MMCX-RA-male - Bulk packing) |

PACKAGING INFORMATION

| | |
|--------|--|
| Type | Bulk packing or individually packing in Polybag (See "Part No.") |
| weight | Approx. 150 g |

