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Thuraya Passive Omnidirectional SATCOM Antenna

Low cost passive dual-band antenna (short cables only)

- Passive Antenna for Thuraya terminals
- Dual-band SAT/GPS antenna design
- Requires no pointing towards satellite
- Built-in active GPS antenna
- For use with: Docking Units, Seagull terminal a.o.
- Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud (not supplied)

Note: Cable loss below 3 dB is recommended.

ELECTRICAL SPECIFICATIONS

| Frequency | 1525 - 1660.5 MHz, 1575.42 MHz |
|------------------------------------|--------------------------------|
| Impedance | 50 ohm |
| Satellite System | Thuraya, GPS |
| Polarisation | LHCP (SAT) |
| Axial ratio | < 6 dB (SAT) |
| Gain | 2 dBic |
| LNA Gain | 25 dB (GPS) |
| Noise Figure | 1.2 dB (GPS) |
| Supply voltage | 3.0 - 5.5V DC (GPS) |
| Current consumption, average | 20 mA |



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MECHANICAL SPECIFICATIONS

| Color | White (non-glossy) |
|--------------------------|---|
| Height | 188 mm, 191.5 mm including mounting base |
| Weight | 300 g |
| Diameter | Ø 95 mm |
| Mounting | On US-style Mounting Brackets with 1"-14NF threaded stud (not supplied) |
| Mounting Place | On marine vessel or landbased vehicle |
| Materials | ASA, PCB, copper and brass |
| Operating Temperature | -40°C to +70°C |
| Connector | SAT: N-female |
| Connector2 | GPS: SMA-female |
| Cable | No cables supplied |
| Ingress protection | IP68 |

ORDERING INFORMATION

| P/N | 60600-001 (Antenna only - in polybag) |
|-----|---|
| P/N | 60600-013 Kit incl. antenna, 5 m cables SAT/GPS N(m)/ TNC(m) and 10000-020 mount |
| P/N | 60600-033 Kit incl. antenna, 5 m cables SAT/GPS N(m)/ TNC(m) and 10000-123 mount |

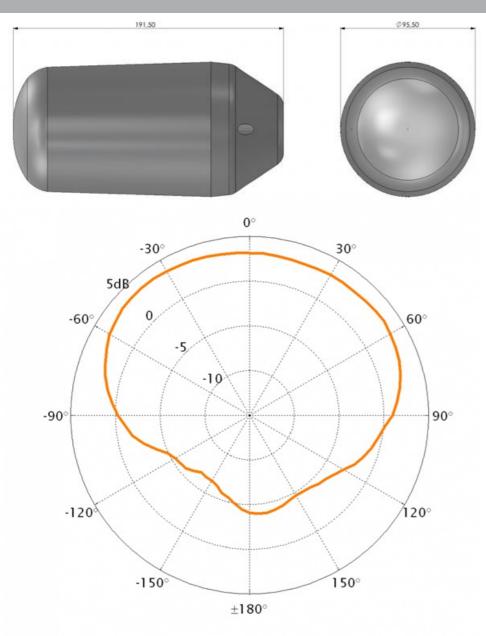
PACKAGING INFORMATION

| Туре | Polybag |
|--------|----------------|
| size | Approx. 200 mm |
| weight | Approx. 350 g |

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