

Thuraya Passive Omnidirectional SATCOM Antenna

Compact passive dual-band antenna - Rugged design

- Passive Antenna for Thuraya terminals
- Requires no pointing towards satellite
- Rugged design for reliable performance in harsh conditions
- Compact dual-band antenna design
- Smooth surface low loss radome
- Built-in active GPS antenna
- Mounts on any US-style Mounting Bracket with 1"-14NF threaded stud

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 |
| Gain | 2 dBic |
| LNA Gain | 25 dB (GPS) |
| Noise Figure | 1.2 dB (GPS) |
| Supply voltage | 3.0 - 5.5 V DC (GPS) |
| Current consumption, average | 20 mA |



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MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | Glossy White |
| Height | 111 mm |
| Weight | 300 g |
| Diameter | Ø 94 mm |
| Mounting | On all US-style Mounting Brackets with 1"-14NF threaded stud |
| Mounting Place | On marine vessel or landbased vehicle |
| Mounting Instruction | Use the supplied counter-nut when mounting the antenna |
| Materials | ASA, POM, PCB and Chrome plated brass |
| Operating Temperature | -40°C to +70°C |
| Connector | SAT: TNC-female |
| Connector2 | GPS: SMA-female |
| Ingress protection | IP66 |
| Cable | Not included |
| Vibration | IEC60945 |

ORDERING INFORMATION

| | |
|-----------|-----------------------------------|
| 60805-003 | Antenna only - no cables supplied |
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PACKAGING INFORMATION

| | |
|--------|------------------|
| Type | Hardbox |
| size | 99 x 95 x 150 mm |
| weight | Approx. 350 g |

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