# Thuraya Passive Omnidirectional SATCOM Antenna

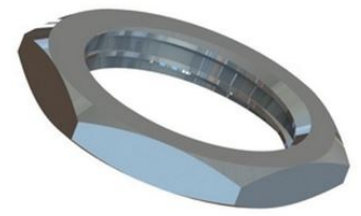
## Compact passive dual-band antenna - Rugged design

- 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 |


Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## 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 |

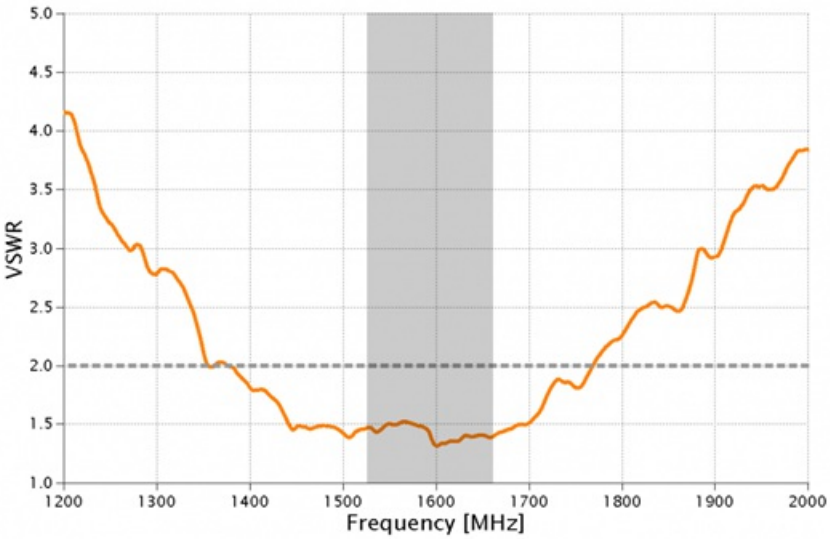
## ORDERING INFORMATION

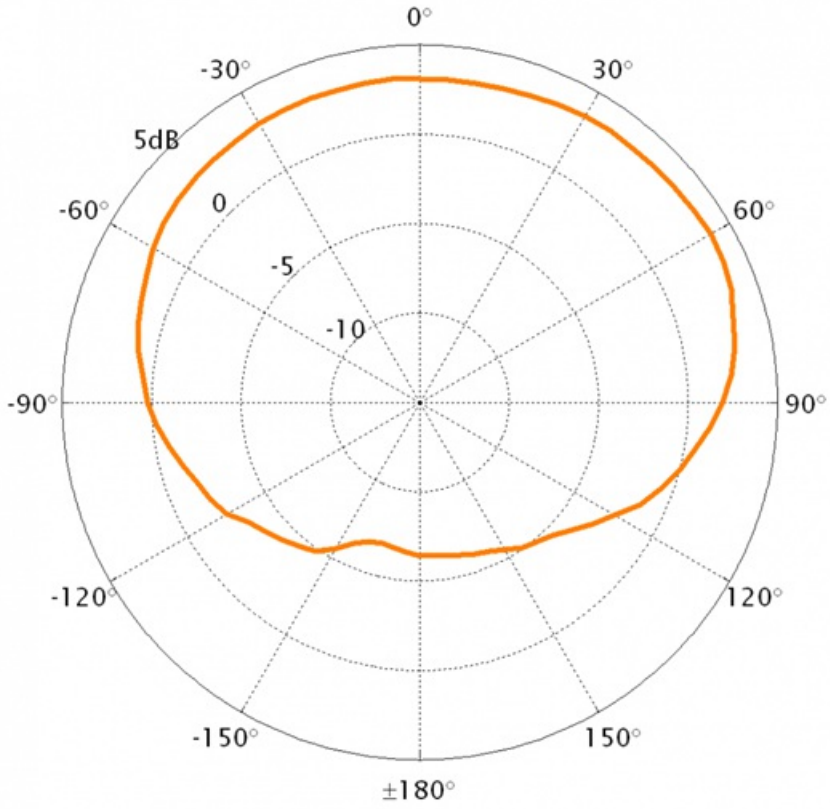
| | |
|---|---|
| 60805-003 | Antenna only - no cables supplied |

## PACKAGING INFORMATION

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


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