

# 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

## Datasheet

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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

Type	Polybag
size	Approx. 200 mm
weight	Approx. 350 g



