

Passive Omni Antenna for Thuraya

Compact and ruggedized

ELECTRICAL SPECIFICATIONS:

| | |
|------------------------------|--------------------------------|
| FREQUENCY | 1525 - 1660.5 MHz, 1575.42 MHz |
| SATELLITE SYSTEM | Thuraya, GPS |
| IMPEDANCE | 50 ohm |
| 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 |



MECHANICAL SPECIFICATIONS:

| | |
|-----------------------|-------------------------|
| COLOR | Glossy White |
| HEIGHT | 111 mm |
| DIAMETER | 94 mm |
| WEIGHT | 300 g |
| MOUNTING | 1" thread (US)(1"-14NF) |
| OPERATING TEMPERATURE | -25C to +55C |
| SURVIVAL TEMPERATURE | -40C to +80C |
| CONNECTOR 1 | TNC (f) (SAT) |
| CONNECTOR 2 | SMA (f) (GPS) |
| CABLE | Not included |
| MOUNTING PLACE | On pole using bracket |
| INGRESS PROTECTION | IP66 |
| VIBRATION | IEC60945 |

