



Spacecom Vehicle Antenna for Thuraya IP

The state-of-the-art 2D vehicle antenna is designed for all types of vehicles providing reliable connectivity via the Thuraya IP.

The vehicle antenna provides reliable, uninterrupted bandwidth of 444 kbps on Standard IP and up to 384 kbps on Streaming IP via the Thuraya IP.

Designed rugged, compact, light-weight with high MTBF and can be easily mounted using a magnetic mount kit. The antenna is ideal for government and defense, emergency responders, reporters, and mobile workers who need reliable, high-speed connectivity while on the move.

THURAYA 
stay close

Physical Characteristics

Bandwidth Capabilities

Electrical

Environmental

| | |
|--------------------|---|
| Weight | 2.1 kg |
| Size of radome | 115mm x 275mm (hxd) |
| RF connector | TNC on radome |
| Cable | 4 mts |
| | |
| Streaming IP | Up to 384 kbps |
| Standard IP | 444 kbps downlink; 404 kbps uplink |
| | |
| Antenna gain | 10dBi approximately |
| LNA gain | 11-13dB (excluding cable loss) |
| TX gain | 10dBi \pm 1 (including cable loss) |
| Polarisation | LHCP |
| Frequency | RX: 1525 – 1559 Mhz |
| | TX: 1626.5 – 1660.5 Mhz |
| Max EIRP | 13.5 \pm 1dBW (maximum output from antenna) |
| G/T | > -16dB/K |
| Terminal connector | TNC connector |
| Power accuracy | Complaint with GMR - 1 |
| Power consumption | 20W (Tx idle) |
| | 35W (maximum EIRP) |
| | |
| Temperature | -30 to +55 °C |
| Humidity | 98% at 38 °C |
| Wind | 200 km/hr relative speed |
| Vibration | Random vibration of 1.05g rms |
| Motion | Turn: 60 deg/s |
| | Angular rate of change: 25 deg/s ² |

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