Spacecom Maritime Antenna for Thuraya IP

The state-of-the-art 3D stabilized maritime antenna is designed to provide reliable connectivity via the Thuraya IP in the maritime environment.

The maritime antenna is configured to always be pointing optimally towards the satellite regardless of a ship's movement and position, enabling you to stay connected even under harsh conditions and in areas of low elevation.

Designed rugged with high MTBF, the antenna is ideal for maritime use on small, medium and large vessels as well as off shore platforms.

The maritime antenna gives you reliable, uninterrupted bandwidth of 444 kbps on Standard IP and up to 384 kbps on Streaming IP via the Thuraya IP terminal allowing you to always stay in touch.

THURAYA
stay close

Physical Characteristics

Bandwidth Capabilities

Electrical

Environmental

Weight	3 kg (excluding cable and junction box)
Size of radome	265mm x 270mm (hxd)
Colour	White
RF connector	N type
Cable	15 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 ± 1 (including cable loss)
Polarisation	LHCP
Frequency	RX: 1525 – 1559 Mhz
	TX: 1626.5 – 1660.5 Mhz
Max EIRP	13.5 ± 1dBW (maximum output from antenna)
G/T	> -16dB/K
Terminal connector	TNC connector
Power accuracy	Complaint with GMR - 1
Power consumption	25W (Tx idle)
	40W (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	Roll: 25 degrees over 8 second period
	Pitch: 15 degrees over 5 second period
	Yaw: 8 degrees over 50 second period
	Turn rate: 12 deg/s
	Turn angular rate of change: 1 deg/s^2

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