

Starwin SW060 Maritime Antenna Datasheet



Introduction:

Starwin SW060 0.6m Ku band maritime VSAT, uses the combination of high precision strapdown inertial navigation technology and beacon tracking mode, and embedded GPS module, the antenna can ensure that the antenna always aligns the satellite in the course of driving. Even if ships cruise in harsh sea conditions, they can also ensure the stability of transmitting and receiving signals. The system is small in size and light in weight, and it is used the three-axis stabilization method, it makes the user's sea area wider.

Features:

- Modular design, high integration
- High tracking accuracy, fast response
- With 3-axis pedestal, apply to wider ocean area
- Broadband antenna technology

Technical Specifications:

China Starwin Science & Technology Co., Ltd.

Tel: +8629-88664381, E-mail: sales@starwincom.com, <http://www.starwincom.com>

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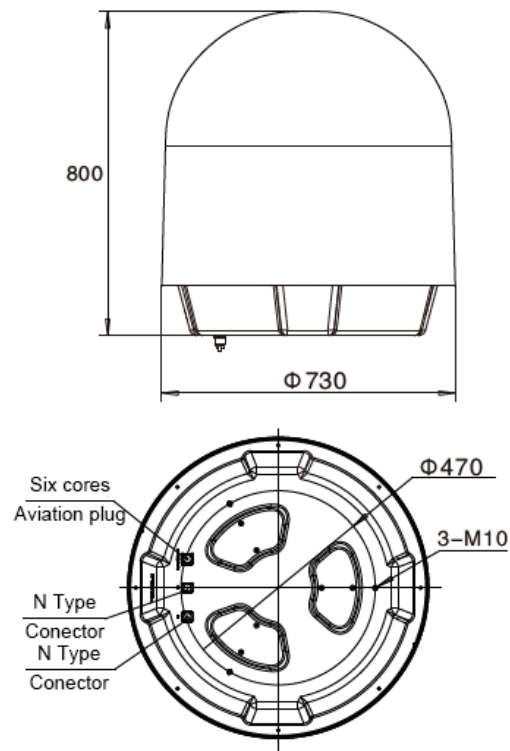
Antenna Specifications	Working Frequency	Tx	13.75GHz~14.5GHz
		Rx	10.70GHz~12.75GHz
	Antenna Gain	Tx	≥36.5dBi@14.25GHz
		Rx	≥35.5dBi@12.5GHz
	Polarization		Linear, auto-adjustment
	EIRP		≥43.5dBW@14.25GHz
	G/T		≥13dB/K@12.5GHz, 20°EI
	Antenna Type		Parabolic
Tracking Specifications	Antenna Aperture		Equivalent 0.6m
	Port Isolation		≥85dB
	XPD		≥30dB
	Pedestal Type		3-axis
	Antenna Travel Range	Azimuth	360°, unlimited
		Elevation	-15°~120°
		Polarization	≥210°
		Roll	-40°~40°
	Tracking Accuracy		<0.2° (R.M.S)
	Initial Acquisition Time		≤120s
System Specifications	Re-acquire Time		<3s (Occlusion time @60s)
	BUC Optional		6W (Built-in)
	Power Supply		100V~240V AC
Environmental Specifications	Power Consumption		<200W(Include BUC)
	Working temperature		-25°C~+55°C
	Storage temperature		-40°C~+65°C
Others	Working Humidity		0%~95%
	ACU size		1U
	Weight		46.5Kg (Including BUC and LNB, but excluding Modem)
	Dimension		Φ730mm*H800mm

Dimension(mm):

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Mount Instruction:

