

COMMUNICATION AND NAVIGATION SYSTEM

0.45 meter Ku-band Satellite TV program Receiving Only Antenna for vessel

ISO9001 Supplier

Class Certificate

Export Supply

0.45 meter Ku-band Satellite TV program Receiving Only Antenna for vessel Model S045-04A Introduction Model S045-04A is a satellite TV program receiving only antenna for vessels, which is used for di...



Key Highlights

Category	Communication and Navigation System
Standard	DIN
Weight / Size	0.45m 4. Weight:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Communication and Navigation System	Model / SKU	0-45-meter-Ku-band-Satellite-TV-program-Receiving-Only-Antenna-for-vessel
Standard	DIN	Weight / Size	0.45m 4. Weight:
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

CONTENTS

- 0.45 meter Ku-band Satellite TV program Receiving Only Antenna for vessel Model S045-04A
 - Features
 - Product Dimensions
- Introduction
 - Specifications
 - Application Fields

0.45 meter Ku-band Satellite TV program Receiving Only Antenna for vessel

Model S045-04A

Introduction

Model S045-04A is a satellite TV program receiving only antenna for vessels, which is used for different ships to receive TV programs while on the sea. The system adopts high precision strap-down inertial navigation system, beacon tracking and built-in GPS module. All these can avoid the point error caused by ship motions, guaranteeing that the antenna point precisely at the satellite, receiving signals stably while the ship is moving, even the ship is under extremely bad circumstance.

Dome design is elegant and modern, and can reduce the air resistance while the vessels are moving.

ACU is optional according to your needs, with which you can know the status of the system in real time.

Features

- Ø One wire transportation
- Ø 7 patents used
- Ø 98% wave transparency
- Ø Gear drive, with high accuracy and long life
- Ø Non-loss signal channel design, no signal loss

Specifications

1. Frequency: 10700MHz ~ 12750MHz
2. Pedestal: 2 Axis
3. Antenna Diameter: 0.45m
4. Weight: 16 Kg
5. Antenna Type: Positive Feed Horn Parabolic Antenna
6. Polarization: Left and Right Hand Circular Polarization
7. Min. ERIP: 49dBW
8. Tracking technology: Inertial measurement and signal tracking combined
9. First Capture Time: < 90S
10. Azimuth Angle: Unlimited
11. Elevation Angle: 0 ~ 90°
12. Ship Motion:
 - Roll: $\pm 25^\circ @ 6S$
 - Pitch: $\pm 15^\circ @ 6S$
13. Working Temperature: -30°C ~ 75°C
14. Antenna Input Power: 9 ~ 36V DC or 90 ~ 265V AC
15. Power Consumption: 24W

16. Coax: F

17. Dimensions: $\Phi 550 \times 560 \text{mm}$

Product Dimensions



Application Fields

Satellite TV program receiving only Antenna Model S045-04A is suitable for all kinds of vessels on inland waterway and inshore, such as yacht, fishing ship, public service vessel, inland water ship and tourist vessel.