

KU-BAND Maritime Compact VSAT Antenna

The true four-axis stabilization system of C_Series keyhole effect even though when you are cruising the Equator region. You will feel definite difference of quality within budget.



* This Specification can be changed without notice.

PRODUCT KEY FEATURES

- In-built DVB-S2X Tuner Carrier SNR direct tracking is available
- Two types of ACU Options Standard ACU IQ-200 Modem Integrated ACU
- True Reliable Tracking system Based on Inverse Kinematics Technology Tracking Algorithm, Antenna tracking performance is reliable.
- High Performance Stabilization in **Rough Weather**
- Automatic Satellite Search
- Accurate Signal Acquisition by KNS's **Distinctive Algorithm**
- Pre-Programmed Satellite Database Editable 80 Satellite Data
- High Gain Reflector

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- Web interface & Remote software upgrade M&C function and firmware upgrade fully supported via web interface.
- Graphic monitoring support Antenna signal strength or RSSD can be monitored through web GUI via PC and other wireless device such as Tablet PC and Mobilephone
- Wi-Fi support ACU can be operated by Wi-Fi interface, a seamless wireless interface between user and ACU
- SNMP support
- Built in GPS
- Certification/Qualification







GAL KU-BAND Maritime Compact VSAT Antenna

KNS

SPECIFICATIONS

ABOVE DECK

G/T

Dish Diameter 45cm (18")

Antenna Dimension 58cm(D) x 63cm(H)

Antenna Weight 27 Kg

Frequency TX : 13.75 ~ 14.5 GHz

RX: 10.7 ~ 12.75 GHz

Antenna Gain TX : 34.38 dBi @ 14.25 GHz

RX: 33.11 dBi @ 11.75 GHz

12.3 dB/K (In Radome)

@ 30deg. Elevation angle and 11.7GHz, Clear Sky

Operating Platform 4 - Axis

BUC 4W / 6W (Optional)

Skew Control Automatic
Elevation Angle +10° to +115°

Azimuth Range 690°

Tilt Angle -20° to +20°

Ship Motion Roll: ±20° at 8-12 sec periods

Pitch: ±10° at 6-12 sec periods Yaw: ±8° at 15-20 sec periods

Vibration Damper Rubber Damper Included

Temperature -20°C to +55°C **Humidity** Up to 100% @ 40°C

BELOW DECK

ACU Size 313 X 192 X 44 mm

Input Power 100 ~ 240V AC, 50/60Hz, 4.0A

Output Power 24~48V DC 2.5A max

per eachRX/TX port

External I/O Mini-USB, USB, Console,

Ethernet, Wi-fi

BUC POWER By ACU

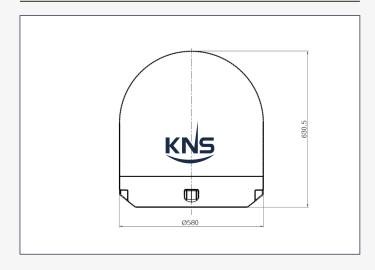
WARRANTY INFORMATION

2-year parts warranty

ACU OPTION



RADOME DIMENSION





KNS Headquarters

1476-55, Yuseong-daero, Yuseong-gu, Daejeon South Korea (34055) Tel: +82 42 932 0351

Fax : +82 42 932 0353 E-mail : sales@kns-kr.com

KNS Malaysia Sales Office

20 Jalan Setia Tropika 9/15, Taman Setia Tropika, Johor, Malaysia Tel: +60 1673 18407 E-mail: james@kns-kr.com

KNS Europe Sales Office

Carl-Zeiss Straße 4, 71093 Weil im Schönbuch, Germany Tel: +49 1727 640 257 E-mail: fpollak@kns-kr.com

^{*}Specification is subject to change without notice