

A_SERIES

VSAT

The SuperTrack A-Series is perfectly suitable to customers who are seeking compliance with SES and integrated LNB and BUC equipment within market approved body structure of Z-Series MK2.

The feature of A-Series will be highly adaptable for VSAT functional and practical demands of general merchant vessels, fishing and offshore vessels, luxury yachts, leisure boats and so on, especially in EMEA (Europe, Middle East and Africa) region.

A_SERIES Ku - Band Communication



Honeycomb Radome
A6, A9, A10, A12

Tracking Speed
More than 90° / sec

iLNB(Integrated LNB)

Brake System
Equipped on Elevation and Cross Axis

Rotary Joint
A9, A12

KA-75 Antenna Control Unit
Gyro Interface : NMEA
Size : 253 X 175 X 44mm
Output Power : 24V DC, 4.17A
External I/O : Mini-USB

BUC : 0.5W / 0.8W (optional) or 0.8W
Gain : 60dB type.
*NOTE : Only available in Europe.

*A12 Antenna : KA-160 Antenna Control Unit
*A6, A9 : KA-75 Antenna Control Unit

A SERIES Ku - Band Communication



KU-BAND	A6	A9
Dish Diameter	61cm	83cm
Antenna Dimension	85cm(D) X 84cm(H)	113cm(D) X 117cm(H)
Antenna Weight	38kg	57kg
Frequency	TX : 13.75 ~ 14.5 GHz RX : 10.75 ~ 12.75 GHz	TX : 13.75 ~ 14.5 GHz RX : 10.75 ~ 12.75 GHz
Antenna Gain	TX : 36.4 dBi @ 14.25 GHz RX : 35.1 dBi @ 11.75 GHz	TX : 39.9 dBi @ 14.25 GHz RX : 38 dBi @ 11.75 GHz
G / T	14.8dB/K (in Radome) @ 30deg, Elevation angel and 11.75GHz, Clear Sky	16.89dB/K (in Radome) @ 30deg, Elevation angel and 11.75GHz, Clear Sky
Operating Platform	3-Axis	3-Axis
Skew Control	Automatic	Automatic
Elevation Angle	-10° to +95°	-10° to +100°
Azimuth Angle	640°	Unlimited
Cross Angle	± 35°	± 35°
Ship Motion	Roll: ±20° at 8-12 sec periods Pitch: ±10° at 6-12 sec periods Yaw: ±8° at 15-20 sec periods	Roll: ±24° at 8-12 sec periods Pitch: ±14° at 6-12 sec periods Yaw: ±8° at 15-20 sec periods
Vibration Damper	Rubber Damper Included	Rubber Damper Included
Temperature	-20°C to +55°C	-20°C to +55°C
Humidity	Up to 100% @ 40°C	Up to 100% @ 40°C
Hybrid /All-in-one	-	-
Certification /Qualification	CE0678Ⓢ	CE0678Ⓢ
Radome	FRP Honeycomb	FRP Honeycomb

*Specifications subject to change without notice



KU-BAND	A10	A12
Dish Diameter	100cm	120cm
Antenna Dimension	144cm(D) X 152cm(H)	161cm(D) X 163cm(H)
Antenna Weight	90kg	105kg
Frequency	TX : 13.75 ~ 14.5 GHz RX : 10.75 ~ 12.75 GHz	TX : 13.75 ~ 14.5 GHz RX : 10.75 ~ 12.75 GHz
Antenna Gain	TX : 41 dBi @ 14.25 GHz RX : 40 dBi @ 11.75 GHz	TX : 42.87 dBi @ 14.25 GHz RX : 40.95 dBi @ 11.75 GHz
G / T	18.89dB/K (in Radome) @ 30deg, Elevation angel and 11.75GHz, Clear Sky	20.79dB/K (in Radome) @ 30deg, Elevation angel and 11.75GHz, Clear Sky
Operating Platform	3-Axis	3-Axis
Skew Control	Automatic	Automatic
Elevation Angle	-20° to +105°	-20° to +110°
Azimuth Angle	Unlimited	Unlimited
Cross Angle	± 35°	± 35°
Ship Motion	Roll: ±25° at 8-12 sec periods Pitch: ±15° at 6-12 sec periods Yaw: ±8° at 15-20 sec periods	Roll: ±24° at 8-12 sec periods Pitch: ±14° at 6-12 sec periods Yaw: ±8° at 15-20 sec periods
Vibration Damper	Rubber Damper Included	Rubber Damper Included
Temperature	-20°C to +55°C	-20°C to +55°C
Humidity	Up to 100% @ 40°C	Up to 100% @ 40°C
Hybrid /All-in-one	-	-
Certification /Qualification	CE0678Ⓢ	CE0678Ⓢ
Radome	FRP Honeycomb	FRP Honeycomb

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