

Z30

TRACKSAT C-Band Antenna UltraTrack Z-Series

After many years of research and development, TrackSAT has produced a new UltraTrack Z-Series antenna for C-Band. With the powerful C-Band antenna TrackSAT ranks at the top of the industry again. The C-Band is user friendly and overall operation costs are minimal due to its powerful performance.



► Standard Features

Automatic Satellite Search & Skew Control

Accurate Signal Acquisition by TrackSAT's Distinctive Algorithm

Brake System

Pre-programmed Satellite Database

Editable 80 satellite data

Antenna Control Unit

3 Types of Gyro Input (NMEA, Synchro, Step by Step)

C/Ku-Band Option Available

Me CC and CE requirement

ABOVE DECK

Dish Diameter	300cm (118")
Antenna Dimension ⁽¹⁾	380cm(H) x 390cm(D)
Antenna Weight ⁽²⁾	620kg
Radome Material	FRP
Frequency	Ku-band TX : 13.75 ~ 14.5GHz, RX : 10.95 ~ 12.75GHz C-band TX : 5.85 ~ 6.725GHz, RX : 3.4 ~ 4.2GHz
Antenna Gain	Ku-band TX : 50.8 dBi RX : 49.6 dBi (@ Mid. Frequency) C-band TX : 43.7 dBi RX : 40.1 dBi (@ Mid. Frequency)
G / T	Ku-Band : 29.07 dB/K (in Radome) C-Band : 22.86 dB/K (in Radome) @ 30deg. and Elevation angle Mid. Frequency
BUC	4W / 6W / 8W / 16W / 25W / 40W(optional)
Operating Platform	3-Axis (Yaw, Level, Cross)
LNB	Single PLL / Universal (optional)
Skew Control	Automatic
Elevation Angle	-10° ~ +120°
Azimuth Range	Unlimited
Cross Angle	±30°
Ship Motion	Roll: ±25 with 6-12 sec periods Pitch: ±15 with 6-12 sec periods Yaw: ±8 with 15 to 20 sec periods
Tracking Speed	More than 90°/sec

*Specifications subject to change without notice

(1) Radome included

(2) Radome excluded

BELOW DECK

ACU Size	19" Rack 1U size
Gyro Compass Input	NMEA 0183, Synchro, Step by Step
Input Power	100 to 240V~, 50/60Hz, 2.5A
External I/O	RS-232C, Mini-USB, Ethernet

PACKING

Packed by	Wooden Crate
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WARRANTY INFORMATION

TrackSAT offers **2-year parts, 1-year onboard labour warranty** for the UltraTrack series

TrackSAT