DITEL

DITEL S61

Ku-band: 65cm Marine Satellite TV Antenna System

Made in China

Ditel S61 is a marine satellite TV antenna system that has excellent satellite signal reception capability with a 65cm (25.59") reflector. Its stable and efficient tracking performance is highly favored by various vessels, such as yacht, fishing boat, cargo vessel etc. Ditel S61 supports 10 sets of satellite parameter pre-set, users can select satellite on ACU with pre-programmed satellite datebase. It is widely used in the area where Minimum EIRP is over 46dBW. 3-axis is preferred in the vicinity of the equator.

Features

1. Friendly multi-platform user interface.
2. The function of switching satellites globally.
3. LNB compatible with circular polarization or linear polarization.
4. High performance and high stability.
5. Automatic tracking and skew control.
6. Uninterrupted viewing of full Ku-band channel.

Physical Parameters

Radome height	85cm (33.46 inch)
Radome diameter	75cm (29.50 inch)
Reflector diameter	65cm (25.59 inch)
Radome color	White/Blue
Radome materials	ASA/ABS
Weight	45kg (99 lbs)
Environmental humidity	0 ~ 95 %
Operating temp. range	-20°C ~ 70°C
Waterproofing grade	IP56
Satellite band	Ku-Band
Antenna type	Ring focus rear feed antenna
ACU size	260*180*45mm

WARRANTY

1-Year parts

Tracking Parameters

Stabilization forms	3-axis stabilized: Azimuth, Elevation, Roll
Tracking forms	4-axis tracking: Azimuth, Elevation, Roll, Skew
Tracking & location mode	Bulit-in inertial guidance & GPS
AZ range/ tracking rate	0°~680°/ ±8°@15S
EL range/ tracking rate	-10°~105°/ ±20°@5S
Roll range/ tracking rate	±30°/ ±20°@5S
Skew range/ tracking rate	±167.5°/ ±20°@5S
Initial lock	≤2Min
Re-lock after break lock time	Break lock<1Min; Re-lock<1Min Break lock≥1Min; Re-lock<2Min
Tracking brake system	Azimuth, Elevation, Roll, Skew

Communication Parameters

Input frequency	10700~13400MHz
L.O. frequency	10750±2MHz
RX gain	36.7dBi (12.5GHz)
Power input	AC 100~240V
Power output	DC 24V
Static power	35W
Dynamic power	45W
Antenna interface	2-way/4-way English F-head female
Polarization	Linear polarization
Min. EIRP	46dBW