KINGSAT

Hangzhou Saikeling Electric Technology Co., Ltd

DATASHEET

V Series 2-Axis Maritime Satellite TV Antenna

Compact 2-axis TVRO antennas for coastal, regional and short-sea routes.

CATEGORY
TVRO Antenna

MODELS
V3 / V4 / V6 / V7

SIZE CLASS
33–75 cm radome

SPECIFICATION

Specification	V3	V4	V6	V7
Dish (radome) diameter	33 cm	45 cm	60 cm	75 cm
Overall dimension	41 × 42 cm	54 × 56.5 cm	73 × 76 cm	82 × 86 cm
Weight	5 kg	12 kg	20 kg	32 kg
Frequency band	Ku 10.7–12.75 GHz / Ka dual band 18.2–19.2 GHz, 19.2–20.2 GHz	—	—	—
Minimum EIRP	50 dBW	48 dBW	46 / 47 dBW	44 dBW
Stabilization	2-axis stabilized + auto skew	—	—	—
Polarization	Linear or circular (Ka)	—	—	—
Elevation range	0°–90°	—	—	—
Azimuth range	0°–690°	—	—	—
Ship motion	Roll ±25°, pitch ±15°, yaw ±8° @ 6 s period	—	—	—
Tracking rate	> 90°/s	—	—	—
Temperature	−30 °C to 70 °C	—	—	—
Humidity	0–95%	—	—	—

KINGSAT TVRO catalogue, page 1. Rows marked “—” apply to every model in the series; only dish, dimension, weight and minimum EIRP differ between V3, V4, V6 and V7.

AT A GLANCE

— 2-axis stabilized platform with automatic skew
— Tracking rate > 90°/s — designed for fast yaw changes in a seaway
— Ku band 10.7–12.75 GHz; optional Ka dual band 18.2–19.2 / 19.2–20.2 GHz
— Elevation 0–90°, azimuth 0–690° continuous coverage
— Operating temperature −30 °C to 70 °C, humidity 0–95%