

AUTOMATIC TVSAT Tracking Antenna [Ku Band]



XY MOUNT (No Key hole effect)
POSSIBILITY OF
DOUBLE ANTENNA SYSTEM
HIGH PERFORMANCES

FEATURES

- Reception of TV Programs
- Double Antenna Configuration (Opt.)
- High Tracking Performance
- High reliability
- Derived from the Mil Grade System
- Easy Maintenance

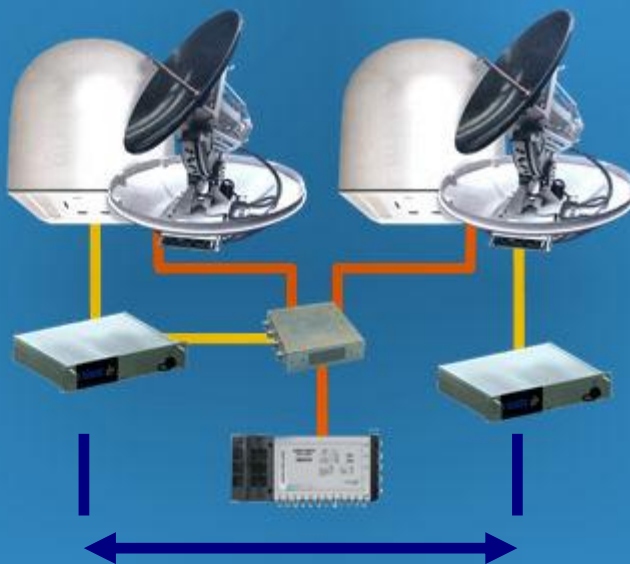
It is a high performance satellite tracking system based on an innovative XY mount concept with no zenith keyholes effect allowing optimal performances at equator.

The system has been directly derived from SITEP experience in the military field and designed to operate in the most severe marine weather conditions.

CONFIGURATIONS



SINGLE ANTENNA SYSTEM



DOUBLE ANTENNA SYSTEM

TECHNICAL CHARACTERISTICS

DATA	80 cm DISH	100 cm DISH
MOUNT GEOMETRY	X-Y pedestal with automatic skew stabilization	X-Y pedestal with automatic skew stabilization
REFLECTOR	80 cm splash-feed cassegrain	100cm splash-feed cassegrain
GAIN	37.7 dBi @ 12,000 MHz	39.6 dBi @12,000 MHz
AZIMUTH RANGE	+/- 540° or UNLIMITED (OPTIONAL)	+/- 540° or UNLIMITED (OPTIONAL)
ELEVATION RANGE	0° - 90°	0° - 90°
STABILIZATION	Six-axial high performance IMU	Six-axial high performance IMU
SHIP MOTION	ROLL: +/-30° 10 sec PITCH: +/- 15° 8sec YAW: 30°/sec	ROLL: +/-30° 10 sec PITCH: +/- 15° 8sec YAW: 30°/sec
RADOME DIAMETER (cm)	105	130
DOME MATERIAL	Fiberglass/Honeycomb structure	Fiberglass/Honeycomb structure
RF ATTENUATION	< 0.3 DB	< 0.3 DB
WEIGHT (Kg)	60	85
GPS	On board antenna receiver	On board antenna receiver
POWER SUPPLY (ACU)	115/230 VAC 50/60 Hz	115/230 VAC 50/60 Hz
POWER CONSUMPTION	250 W MAX 100W TYP	250 W MAX 100W TYP

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