



Automatic Satellite Tracking Antennas



EPAK® TV antennas of the Basic-Line with the most advanced technology guarantee an excellent television reception of your favorite channels even during your trip on a vessel in open seas. The high tracking speed of 40 °/s on all axes warrants a non-interrupted reception of your television programmes.



The simple and reliable design is suitable for every ship even for smaller boats of less than 30 feet.

Antenna	TV44	TV59
Reflector	45 cm	60 cm
Gain	33 dB	34,8 dB
Minimum EIRP	50 dBW	48 dBW
LNB	Universal linear/circular	
Radome Diameter	510 mm	690 mm
Radome Height	530 mm	710 mm
Weight	12 kg	16 kg
Azimuth	unlimited	
Elevation	5° – 85°	0° – 90°
Drive	2 axes with tooth belts	
Tracking Sensor	Electronic Beamforming (EBF-Gyro)	
Tracking Speed	> 40 °/s	
Lock On Time	typ. 10 – 20 sec.	
Power Supply	12 – 36 V DC	

Control Unit	
Power Supply	12 – 20 V DC, 100 mA, powered by receiver
Satellite Acquisition	fully automatically by SatFingerprint Technology
Satellite Positions	up to 4 freely programmable positions
Satellite Selection	by control unit or by receiver (via DiSEqC™)

System	
Operation Temperature	-20 to +70 °C
Storage Temperature	-30 to +85 °C

Because of the different footprints of several satellites in your area a choice of the reflector size between 45 cm and 60 cm is necessary.



Please note that the reception of programs in different regions depends on the footprint (coverage area) of the satellites. Take into consideration that rain, snow, dense clouds and violent motion in areas of weak signal strength can affect TV reception. Satellite footprints are subject to changes without notice. Subject to change without notice!

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