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**GmbH**

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## **Technical Data**

**EPAK ® TV 61 Quattro EU**

**Maritime TV Tracking Antenna**

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## **Data sheet for EPAK® TV61**

### **Maritime TV tracking Antenna**

#### **Antenna:**

Type:	Fully automated maritime TV tracking antenna 3-axes servo belt
Azimuth turns:	unlimited (Rotary Joint)
Antenna Elevation Range:	-10° to 90°
Polarisation Angle:	Range is +/- 120°
Reflector:	60cm, Cassegrain
LNB output:	Quattro
Feed:	included
GPS:	included in antenna
Power supply:	12-36V DC
Weight:	about 36kg (ODU)
Radome Diameter:	73cm
Radome Height:	81cm
Minimum EIRP:	47dBW
Lock on Time:	30 sec.

#### **Control Unit:**

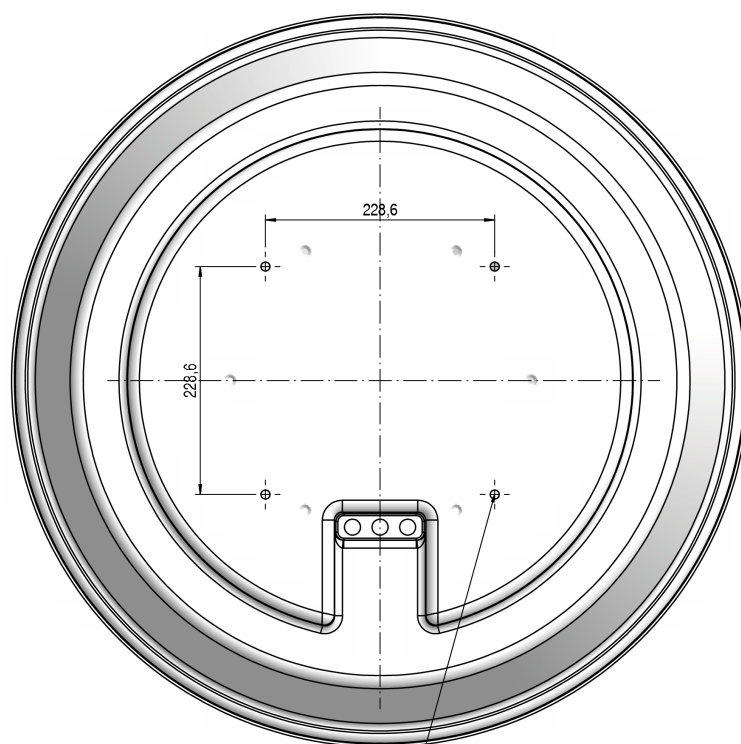
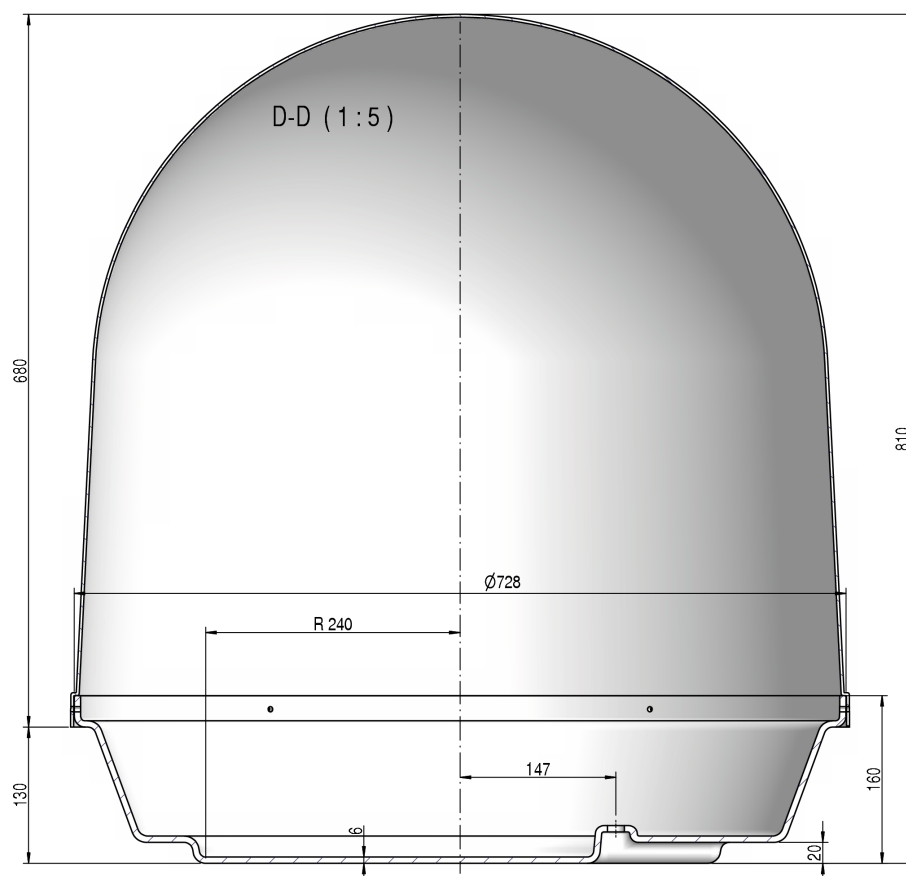
Power supply:	12-20 VDC, 100mA, powered by receiver
Satellite Acquisition:	completely automated by SatFingerprint technology
Satellite Positions:	4
Number of Preconfigured Satellites:	20
Satellite Selection:	by control unit or by DiSEqC – receiver
Operation temperature:	0° to 40°
Storage temperature:	-30° to 85°

#### **Tracking Parameters:**

external interface:	no external interface for tracking necessary
Tracking Speed:	up to 30°/ second
Polarisation angle tracking:	fully automated
Azimuth tracking:	fully automated
Elevation tracking:	fully automated
Tracking Sensors:	Electronic Beamforming (EBF-Gyro) for Tracking during present sat signal/ Solid State Sensor for tracking during blocked sat signal
EBF-Sensor Rate (refresh):	12.5 msec (80 times per second)

The Antenna will be delivered in a cardboard box.

# **Dimensions EPAK® TV 61 (ODU)**



Position of Mounting Holes  
( Diameter : 8.5 ... 9 mm )