

**SENCITY® SC Omni**

853266

**Properties**

- Omni-directional Antenna
- Frequency Range 450-470 MHz
- Vertical Polarization
- Gain 8.5 dBi

**Electrical bands**

	<b>Band 1</b>
Frequency	450 MHz ... 470 MHz
Impedance	50 Ω
VSWR	1.5
Gain	8.5 dBi
Ambient Temperature	50 °C
Composite Power max	500 W

**Connections**

	Port 1
Band 1	<input checked="" type="checkbox"/>

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**Mechanical data**

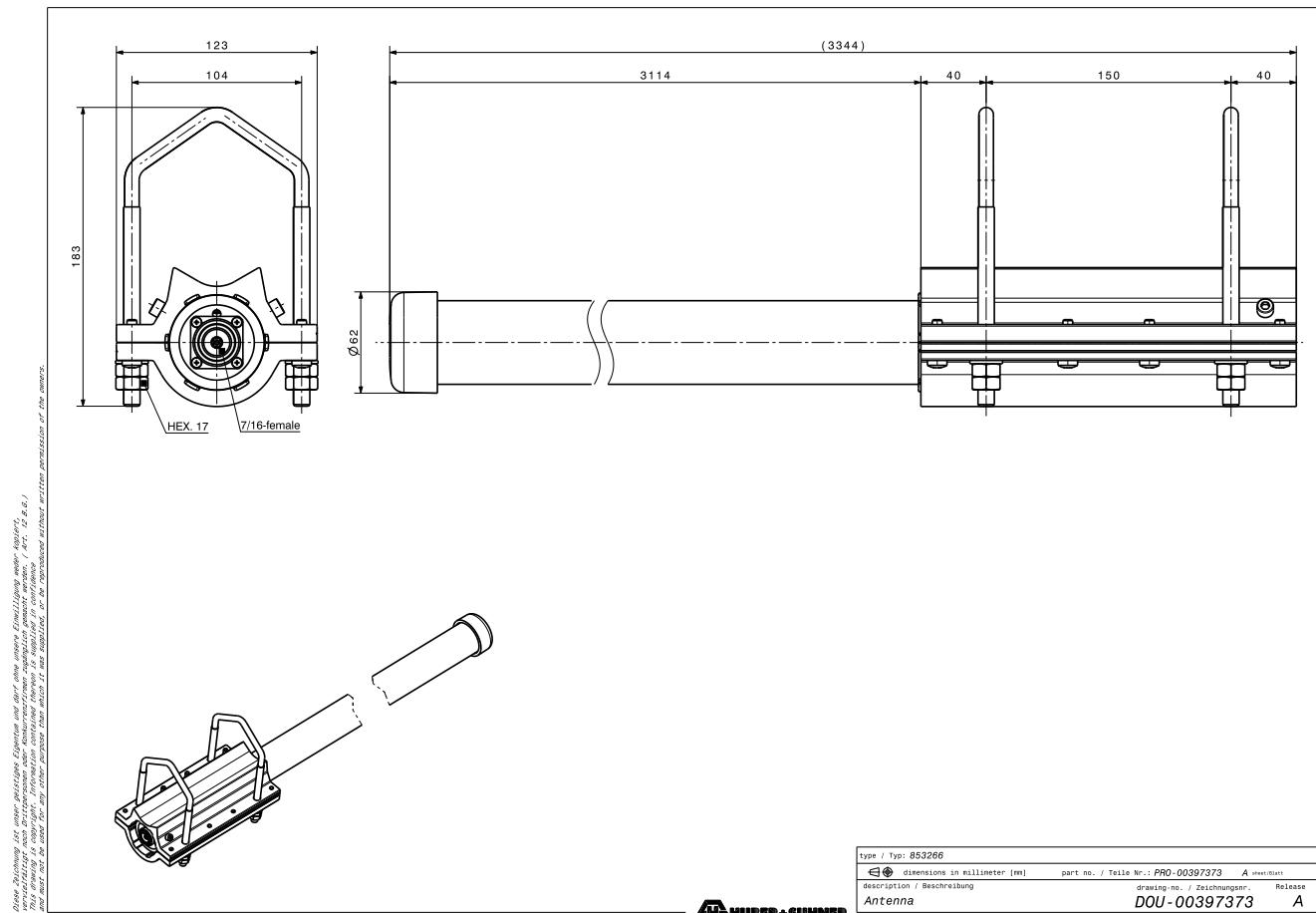
Weight	8 kg
Dimensions	3114 mm x 51 mm (Height x Diameter) Packing size (mm): 3379x206x152
Mounting:	The antenna can be attached laterally at the tip of a tubular mast of 50-94 mm diameter with two U-bolt brackets supplied with the antenna (connecting cable runs outside the mast).
Remarks	Anti-static protection: All metal parts of the antenna as well as the supplied clamp attachment are grounded. The inner conductor is capacitively coupled. Lightning protection: The antenna is designed to withstand a lightning current of up to 150 KA (impulse: 10/350 $\mu$ s), according to IEC 62305 parts 1-4 and VDE 0855-300, and thereby fulfills the requirements of lightning protection class II. Grounding cross-section: 22 mm <sup>2</sup> copper. Material: Base: Weather-proof aluminum.

**Interface and material data**

Radome material	Glass Reinforced Plastic (GRP)
Radome colour	Grey
Back plate/base plate material	Aluminium
Back plate/base plate colour	Grey

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**Outline drawing**



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