

SENCITY® SC Omni
853266

Properties

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



Electrical bands	
	Band 1
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	

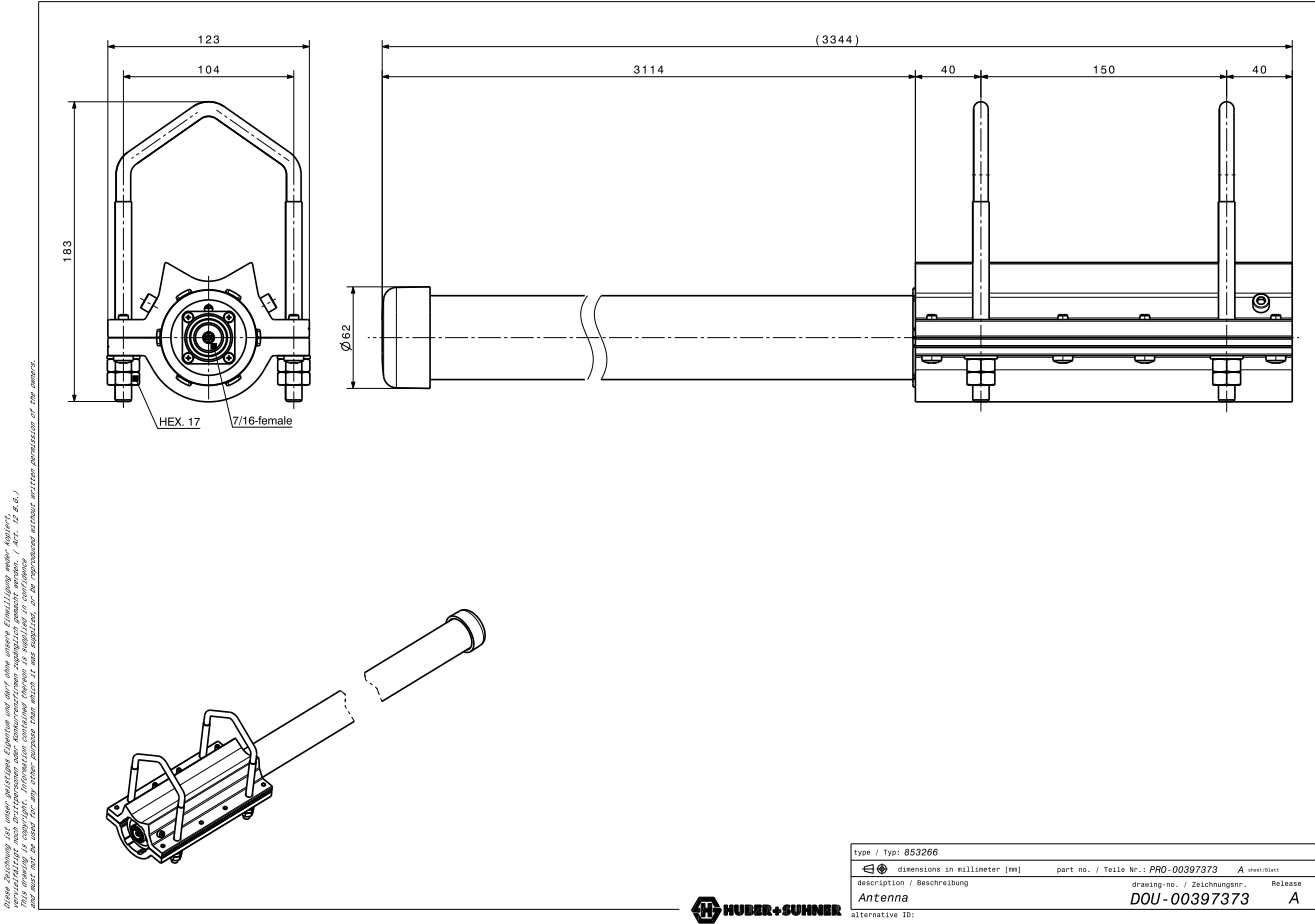
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Mechanical data	
Weight	8 kg
Dimensions	3114 mm x 51 mm (Height x Diameter)
Remarks	Packing size (mm): 3379x206x152 Mounting: The antenna can be attached laterally at the tip of a tubular mast of 50-94 mm diameter with two U-bolt brackets supplied with the antenna (connecting cable runs outside the mast). 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 µs), according to IEC 62305 parts 1-4 and VDE 0855-300, and thereby fulfils the requirements of lightning protection class II. Grounding cross-section: 22 mm ² 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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