

SENCITY® SC Omni  
848657

Properties

- Omni-directional Antenna
- Frequency Range 410 - 430 MH
- Vertical Polarization
- Fixed Electrical Downtilt 8.5°
- 8 dBi Gain



Electrical bands	
	Band 1
Frequency	410 MHz ... 430 MHz
Impedance	50 Ω
VSWR	1.5
Gain	8 dBi
Vertical Electrical Tilt	8.5 °
Ambient Temperature	50 °C
Composite Power max	500 W

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

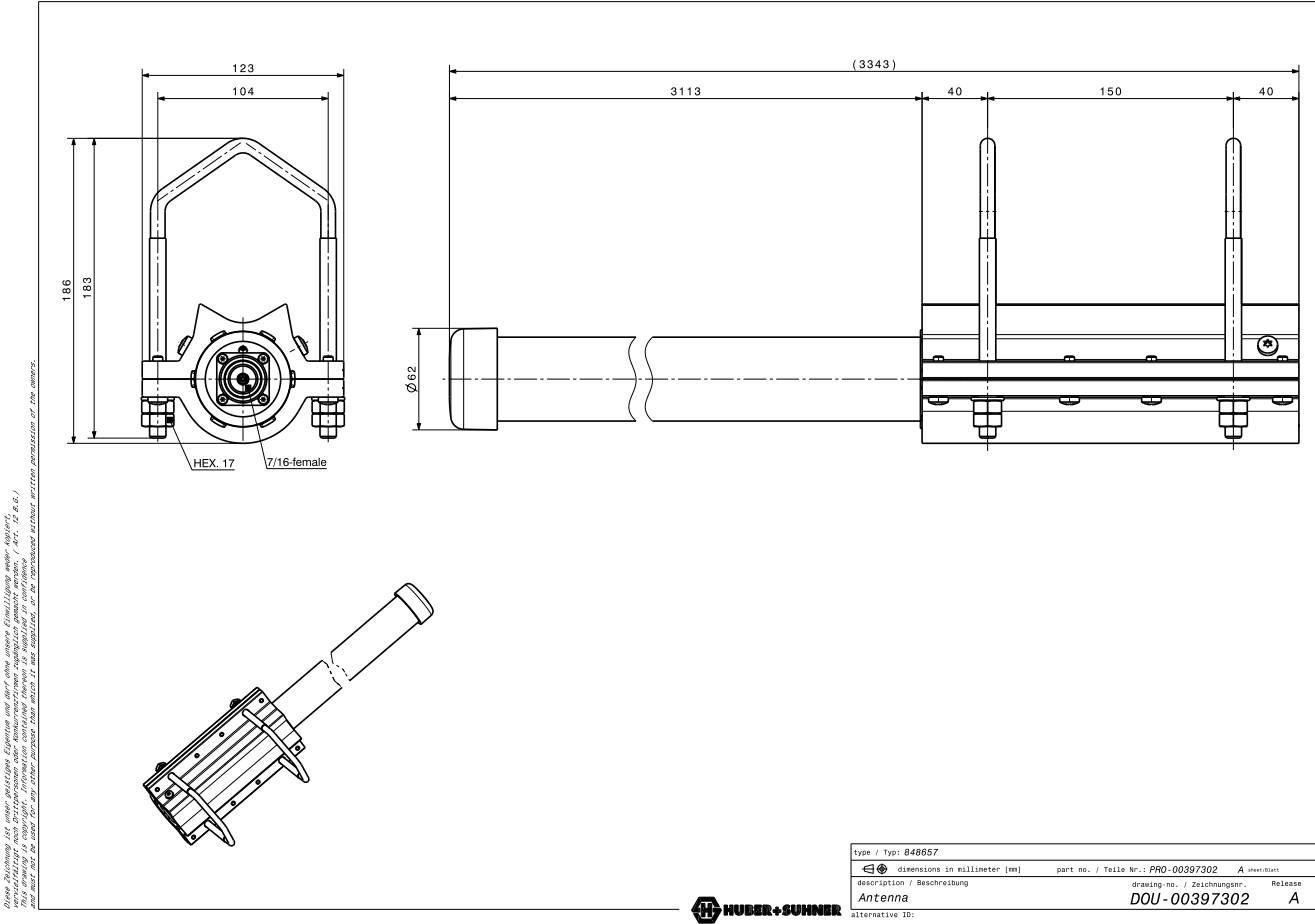
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<b>Mechanical data</b>	
Weight	8 kg
Dimensions	3114 mm x 51 mm (Height x Diameter)
Remarks	<p>Mounting: The antenna can be attached laterally at the tip of a tubular mast of 50-94 mm diameter with two U-bolt brackets supplied with the antenna (connecting cable runs outside the mast).</p> <p>Anti-static protection: All metal parts of the antenna as well as the supplied clamp attachment are grounded. The inner conductor is capacitively coupled.</p> <p>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<sup>2</sup> copper.</p> <p>Material: Base: Weather-proof Aluminum.</p>
<b>Interface and material data</b>	
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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