

SENCITY® SC Omni Antenna

848657

Properties

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

**Electrical data**

	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

Ports

	Port 1
Connector	7/16, jack (female)
Polarization	vertical
DC grounded	Yes

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)
	<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 mm² copper.</p> <p>Material: Base: Weather-proof Aluminum.</p>
Remarks	

Material data

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

Ordering information

Item number	Item description
84467192	848657

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