

SENCITY® SC Omni

848114

Properties

- Omni-directional Antenna
- Frequency Range 370 - 430 MHz
- Vertical Polarization
- Gain 2dBi



Electrical bands		
	Band 1	Band 2
Frequency (MHz)	370 MHz ... 380 MHz	380 MHz ... 430 MHz
Impedance	50 Ω	50 Ω
VSWR	1.6	1.5
Gain (dBi)	2 dBi	2 dBi
Ambient Temperature	50 °C	50 °C
Composite Power max	100 W	100 W

Electrical remarks

Remarks	IMD level -150 dBc at carrier power 2x 37dBm
---------	--

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

Port number	Port 1
Band 1	✓
Band 2	✓



SENCITY® SC Omni

848114

Mechanical data	
Weight	1 kg
Dimensions	555 mm x 21 mm (Height x Depth)
Remarks	Windload frontal: 20 N at 150 km/h , Wind speed survival: 200 km/h
	Packing size (mm): 112x97x654
	The antenna can be attached in two ways with the supplied mounting kit: 1. On the tip of a tubular mast of 40-54 mm diameter (connecting cable runs inside the mast). 2. Laterally at the tip of a tubular mast of 20-54 mm diameter (connecting cable runs Grounding: All metal parts of the antenna including the mounting kit are DC grounded.

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

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P31257 / Date of publication: 10.01.2024 / uncontrolled copy

