

SENCITY® SC Omni  
848114

Properties

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



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

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

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

Connections	
	Port 1
Band 1	✓
Band 2	✓

Mechanical data	
Weight	1 kg
Dimensions	555 mm x 21 mm (Height x Diameter)
Windload	front: 20 N at 150km/h, Wind Speed survival: 200 km/h

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Mechanical data	
Remarks	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 outside the mast). Grounding: All metal parts of the antenna including the mounting kit are DC grounded.
Material data	
Radome material	Glass Reinforced Plastic (GRP)
Radome colour	Grey
Back plate/base plate material	Aluminium
Back plate/base plate colour	Grey
Environmental data	
Environment (application)	Outdoor
Ordering information	
Item number	Item description
84467190	848114

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