

SENCITY® SC OMNI-M Antenna

1399.17.0330

Properties

- Rugged omni-directional antenna for installation on outdoor cabinets
- Supports TETRA, LTE450, 2G/3G/4G/5G cellular, Wifi 2.4/5 GHz, Wifi 6E.
- Meets ETSI 300 019-1-4 class 4.1E
- Low profile housing
- Single hole mounting, easy cabling feed-through
- 1 port for 1x TETRA/cellular

**Electrical data**

	Band 1	Band 2	Band 3	Band 4
Name	TETRA/LTE450	Cellular	Cellular	Cellular
Frequency	380 MHz ... 470 MHz	694 MHz ... 960 MHz	1350 MHz ... 2700 MHz	3300 MHz ... 4200 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	2.5	2	2	2
Gain	3 dBi	2 dBi	4 dBi	4 dBi
Ambient Temperature	25 °C	25 °C	25 °C	25 °C
Composite Power max	40 W	40 W	40 W	40 W

	Band 5	Band 6	Band 7
Name	Cellular	WiFi	WiFi
Frequency	4900 MHz ... 7125 MHz	2400 MHz ... 2500 MHz	4900 MHz ... 7125 MHz
Impedance	50 Ω		
VSWR	2		
Gain	5 dBi		
Ambient Temperature	25 °C		
Composite Power max	40 W		

Ports

	Port 1
Port name	Tetra 1 (yellow)
Connector	N, jack (female)
Cable type	ENVIROFLEX_316_D
Cable length	0.5 m

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Ports		
	Port 1	
Polarization	vertical	
DC grounded	Yes	
Connections		
	Port 1	
Port name	Tetra 1 (yellow)	
Band 1		
Band 2		
Band 3		
Band 4		
Band 5		
Mechanical data		
Weight	1.1 kg	
Dimensions	60 mm x 210 mm (Height x Diameter)	
Mounting breakthrough	Ø 30 mm	
Material data		
Radome material	PC (Polycarbonate)	
Radome colour	RAL 7044 (light grey)	
Back plate/base plate material	Aluminium	
Environmental data		
Operation temperature	-40 °C ... 85 °C	
Storage temperature	-40 °C ... 85 °C	
Transport temperature	-40 °C ... 85 °C	
Environment (application)	Outdoor	
Ingress protection (IP Rating)	Mated / IP68, IP69k	
Solar radiation	DIN 75220	
Environmental remarks		
Environmental tests: ETSI 300 019-4-2 class 4.1E		
Low corrosion designed acc. to MIL-F-14072D		
CE-Mark		
Ordering information		
Item description	Item number	Product name
1399.17.0330	85185546	SENCITY® SC OMNI-M Antenna

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DOCUMENT PIM-P35406 / Date of publication: 13.06.2025 / uncontrolled copy