

SENCITY® ULTRA SISO

1399.17.0120

Properties

- Indoor DAS omni-directional antenna for in-building coverage
- Ultra broad band, multi band covering AMPS, GSM, PCS, CDMA, UMTS, Wi-Fi, WLAN 2.4 and 5.6 GHz, LTE, 4.9 GHz Homeland Security, Tetra, Tetrapol, DVB-T, DVB-H
- Vertical polarized omni-directional high gain antenna



Electrical data				
	Band 1	Band 2	Band 3	Band 4
Frequency	380 MHz ... 560 MHz	560 MHz ... 960 MHz	1710 MHz ... 5500 MHz	5500 MHz ... 5875 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	2	2	1.5	1.5
Gain	3.5 dBi	5 dBi	8 dBi	10 dBi
Ambient Temperature	25 °C	25 °C	25 °C	25 °C
Composite Power max	800 W	500 W	300 W	300 W

Electrical remarks	
IMD level	-150 dBc at carrier power 2x 43 dBm
Remarks	PIM 2x43dBm <-150dBc (@1800MHz) Requires a ground plane of min. 620 x 620 mm (included in antenna shipment) for 380 MHz to 690 MHz operation (please also refer to Mounting Instruction DOC-0000331648) VSWR tested with ground plane and max. ceiling tile thickness of 15mm across 380 MHz to 5875 MHz

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

Mechanical data	
Weight	0.8 kg
Dimensions	153.6 mm x 78.6 mm x 255 mm (Height x Width x Depth)

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Material data	
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Radome colour	RAL 9010 (white)
Back plate/base plate material	Aluminum
Back plate/base plate colour	RAL 9010 (white)

Environmental data	
Operation temperature	0 °C ... 55 °C
Storage temperature	-40 °C ... 80 °C
Transport temperature	-40 °C ... 80 °C
Environment (application)	Indoor
Flammability rating	UL 94-HB

Additional Information	
Radiator grounded for remote connectivity surveillance	

Antenna accessories remarks	
Mounting screws for false ceiling installation included 620mm x 630mm aluminium foil included in antenna shipment (see also Mounting Instruction DOC-0000331648)	

Ordering information		
Item description	Item number	Product name
1399.17.0120	84078635	SENCITY® ULTRA SISO

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