DATA SHEET

SENCITY® Rondo SISO Antenna

1399.31.0004

Properties

- Indoor DAS omni-directional antenna for In-Building Coverage 698 MHz up to 3800 MHz
- AMPS, GSM, PCS, CDMA, UMTS, WiFi, WLAN 2.4, LTE
- ETL tested for Plenum space (UL 2043)
- Patented design

Electrical data				
	Band 1	**Band 2**	**Band 3**	**Band 4**
Frequency	698 MHz ... 790 MHz	790 MHz ... 960 MHz	1710 MHz ... 2170 MHz	2170 MHz ... 2700 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	1.5	1.5	1.5	1.5
Gain	2 dBi	3 dBi	5.5 dBi	7 dBi
Ambient Temperature	55 °C			
Composite Power max	50 W			

	Band 5
Frequency	3400 MHz ... 3800 MHz
Impedance	50 Ω
VSWR	1.5
Gain	6 dBi
Ambient Temperature	
Composite Power max	

Electrical remarks	
IMD level	-155 dBc at carrier power 2x 43 dBm
Remarks	Gain specification defined without use of ground plane.

Ports	
	Port 1
Connector	4.3-10, jack (female)
Cable type	SUCOFORM_141_CU_CMP
Cable length	0.3 m
Polarization	vertical
DC grounded	Yes

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Mechanical data	
Dimensions	87 mm x 238 mm (Height x Diameter)

Material data	
Radome material	PC (Polycarbonate)
Radome colour	White
Back plate/base plate material	PCB_1

Environmental data	
Operation temperature	0 °C ... 55 °C
Storage temperature	-55 °C ... 85 °C
Transport temperature	-55 °C ... 85 °C
Environment (application)	Indoor
Flammability rating	UL 94-V0
Solar radiation	UL 746C, F1

Additional Information
Radiator grounded for remote connectivity surveillance

Antenna accessories		
Item description	Item number	Product name
9091.99.0258	85067690	Multi function bracket for SENSITY® Rondo

Antenna accessories remarks
Thickness of false ceiling to be < 30 mm. The bracket needs to be ordered separately.

Ordering information		
Item description	Item number	Product name
1399.31.0004	85074215	SENCITY® Rondo SISO Antenna

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