

SENCITY® Rondo Antenna SISO
1399.31.0004**Description**

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

**Product Configuration****Technical Data****Electrical Data**

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	698 - 790	790 - 960	1710 - 2170	2170 - 2700
VSWR	1.5	1.5	1.5	1.5
Impedance (Ohm)	50	50	50	50
Gain (dBi)	2	3	5.5	7
Composite power max (W)	50			
Ambient temperature (°C)	55			

	Band 5
Frequency (MHz)	3400 - 3800
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	6

Ports

	Port 1
Connector	4.3-10, jack (female)
Cable Type	SUCOFORM_141_C U_CMP
Cable Length (m)	0.3
Min. radius static (mm)	8
Polarization	vertical
DC grounded	Yes

General Data

IMD level -155 dBc at carrier power 2x 43dBm

Gain specification defined without use of ground plane.

Mechanical Data

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

Environmental Data

Environmental conditions indoor
Operation temperature (°C) 0 to 55
Storage temperature (°C) -55 to 85
Transport temperature (°C) -55 to 85
Flammability rating UL 94-V0

SENCITY® Rondo Antenna SISO 1399.31.0004

Solar radiation	UL 746C, F1
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
Lead-free soldered	yes
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/EC	compliant

Material Data

Radome colour	white
Radome material	PC (Polycarbonate)
Back plate/base plate material	PCB_1

Related Products

9091.99.0258 Multi function bracket for SENCITY® Rondo

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

Related Documents

Mounting instruction	DOC-0000717099
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00353896

Additional Information

Radiator grounded for remote connectivity surveillance