

SENCITY® Rondo Antenna SISO 1399.31.0011

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

Connector 4.3-10+



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)	300	180	130	90
Ambient temperature (°C)	25	25	25	25

	Band 5
Frequency (MHz)	3400 - 3800
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	6
Composite power max (W)	50
Ambient temperature (°C)	25

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
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)
 Weight (kg) 0.46

Environmental Data

Environmental conditions indoor
 Operation temperature (°C) 0 to 55

SENSITY® Rondo Antenna SISO 1399.31.0011

Storage temperature (°C)	-55 to 85
Transport temperature (°C)	-55 to 85
Flammability rating	UL 94-V0
Solar radiation	UL 746C, F1
RoHS 2011/65/EU	compliant
Lead-free soldered	yes
REACH 2006/1907/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 SENSITY® 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-00325016

Additional Information

Radiator grounded for remote connectivity surveillance

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[HUBER+SUHNER:](#)

[1399.31.0011](#)