

SENCITY® Rondo SISO Antenna

1399.31.0008

Properties

- Omnidirectional antenna for Cellular bands from 617 MHz till 4200 MHz
- Gain of 5 dBi with Vertical polarization in the high bands
- PIM better than -153 dBc at 2x43 dBm
- Multi function bracket for 5 different installations as separate item 9091.99.0258
- Plenum rated cable terminated with 4310 female connector

**Electrical bands**

	Band 1	Band 2	Band 3	Band 4
Frequency	617 MHz ... 698 MHz	698 MHz ... 790 MHz	790 MHz ... 960 MHz	1695 MHz ... 2400 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	1.8	2	2	1.7
Gain	2.5 dBi	2.5 dBi	4.5 dBi	5 dBi
Ambient Temperature	25 °C	25 °C	25 °C	25 °C
Composite Power max	50 W	50 W	50 W	50 W

	Band 5	Band 6
Frequency	2400 MHz ... 2690 MHz	3300 MHz ... 4200 MHz
Impedance	50 Ω	50 Ω
VSWR	1.5	2
Gain	5.5 dBi	5 dBi
Ambient Temperature	25 °C	25 °C
Composite Power max	50 W	50 W

Electrical remarks

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

	Port 1
Connector	4.3-10, 4.3-10, jack (female)
Cable type	Sucoform_141-CU-CMP

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Ports	
	Port 1
Cable length	0.35 m
Polarization	vertical
Connections	
Port number	Port 1
Band 1	✓
Band 2	✓
Band 3	✓
Band 4	✓
Band 5	✓
Band 6	✓
Mechanical data	
Weight	0.512 kg
Dimensions	87 mm x 238 mm (Height x Diameter)
Remarks	Thickness of false ceiling to be < 30 mm.
Interface and material data	
Radome material	PC (Polycarbonate)
Radome colour	White
Back plate/base plate material	PCB_1
Environmental data	
Operation temperature	0 °C ... 55 °C
Installation temperature	0 °C ... 55 °C
Storage temperature	-55 °C ... 85 °C
Environment (application)	Indoor
Flammability rating	UL 94-V0

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