

SENCITY® Occhio MIMO 2x2 Antenna

1399.32.0015

Properties

- Omnidirectional antenna for Cellular bands from 1695 MHz till 6000 MHz
- VSWR 1.5 in all bands with Vertical polarization
- PIM better than -153 dBc at 2x43 dBm
- Smart bracket system is included
- Nex10 female connector



reddot design award
winner 2019



Electrical data

	Band 1	Band 2	Band 3	Band 4
Frequency	1695 MHz ... 2690 MHz	3300 MHz ... 4200 MHz	4500 MHz ... 5000 MHz	5150 MHz ... 6000 MHz
Impedance	50 Ω	50 Ω	50 Ω	
VSWR	1.5	1.5	1.5	1.5
Gain	4.5 dBi	4.5 dBi	6 dBi	6.5 dBi
Isolation between Ports	19.5 dB	22 dB	25 dB	25 dB

Electrical remarks

IMD level	-153 dBc at carrier power 2x 43 dBm
Remarks	VSWR 1:1.7 in 1.695-1.8GHz

Ports

	Port 1	Port 2
Connector	NEX10, jack (female)	NEX10, jack (female)
Polarization	vertical	vertical
DC grounded	No	No

Connections

	Port 1	Port 2
Band 1	✓	✓
Band 2	✓	✓
Band 3	✓	✓
Band 4	✓	✓

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Mechanical data		
Dimensions	32 mm x 200 mm (Height x Diameter)	
Material data		
Radome colour	White	
Back plate/base plate colour	Black	
Environmental data		
Operation temperature	0 °C ... 55 °C	
Storage temperature	-40 °C ... 85 °C	
Transport temperature	-40 °C ... 85 °C	
Environment (application)	Indoor	
Flammability rating	UL 94-V0	
Solar radiation	UL 746C, F1	
Ordering information		
Item description	Item number	Product name
1399.32.0015	85138318	SENCITY® Occhio MIMO 2x2 Antenna

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