

SENCITY® Occhio MIMO 4x4 Antenna

1399.32.0016

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



Electrical data				
	Band 1	Band 2	Band 3	Band 4
Name	Cellular	Cellular	Cellular	Cellular
Frequency	1695 MHz ... 2690 MHz	3300 MHz ... 4200 MHz	4500 MHz ... 5000 MHz	5150 MHz ... 6000 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	1.5	1.5	1.5	1.5
Gain	4 dBi	4.5 dBi	6.5 dBi	6.5 dBi
Isolation between Ports	18 dB	22 dB	25 dB	25 dB
Ambient Temperature	25 °C	25 °C	25 °C	25 °C
Composite Power max	38 W	30 W	28 W	25 W

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

Ports				
	Port 1	Port 2	Port 3	Port 4
Port name	Cellular 1	Cellular 2	Cellular 3	Cellular 4
Connector	NEX10, jack (female)	NEX10, jack (female)	NEX10, jack (female)	jack (female)
Polarization	vertical	vertical	vertical	vertical
DC grounded	No	No	No	No

Connections				
	Port 1	Port 2	Port 3	Port 4
Port name	Cellular 1	Cellular 2	Cellular 3	Cellular 4
Band 1	✓	✓	✓	✓
Band 2	✓	✓	✓	✓

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Connections				
Band 3	✓	✓	✓	✓
Band 4	✓	✓	✓	✓

Mechanical data	
Weight	0.29 kg
Dimensions	32 mm x 200 mm (Height x Diameter)

Material data	
Radome material	PC (Polycarbonate)
Radome colour	White
Back plate/base plate colour	Black
Housing material and surface treatment	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, FI

Ordering information		
Item description	Item number	Product name
1399.32.0016	85137888	SENCITY® Occhio MIMO 4x4 Antenna

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