

SENCITY® Occhio MIMO 4x4 Antenna

1399.32.0014

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 and plenum rated cables assemblies are included
- Nex10 female connector



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	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

Electrical remarks

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

Ports

	Port 1	Port 2	Port 3	Port 4
Connector	NEX10, jack (female)	NEX10, jack (female)	NEX10, jack (female)	jack (female)
Cable type	SUCOFORM_122_LA_CU_CMP	SUCOFORM_122_LA_CU_CMP	SUCOFORM_122_LA_CU_CMP	SUCOFORM_122_LA_CU_CMP
Polarization	vertical	vertical	vertical	vertical
DC grounded	No	No	No	No

Connections

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

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Connections				
Band 4				
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, FI		
Ordering information				
Item description		Item number		Product name
1399.32.0014		85114460		SENCITY® Occhio MIMO 4x4 Antenna

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