

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 bands				
	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
VSWR	1.5	1.5	1.5	1.5
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
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 number	Port 1	Port 2	Port 3	Port 4
Band 1	✓	✓	✓	✓
Band 2	✓	✓	✓	✓
Band 3	✓	✓	✓	✓

SENCITY® Occhio MIMO 4x4 Antenna

1399.32.0016

Connections				
Band 4	✓	✓	✓	✓

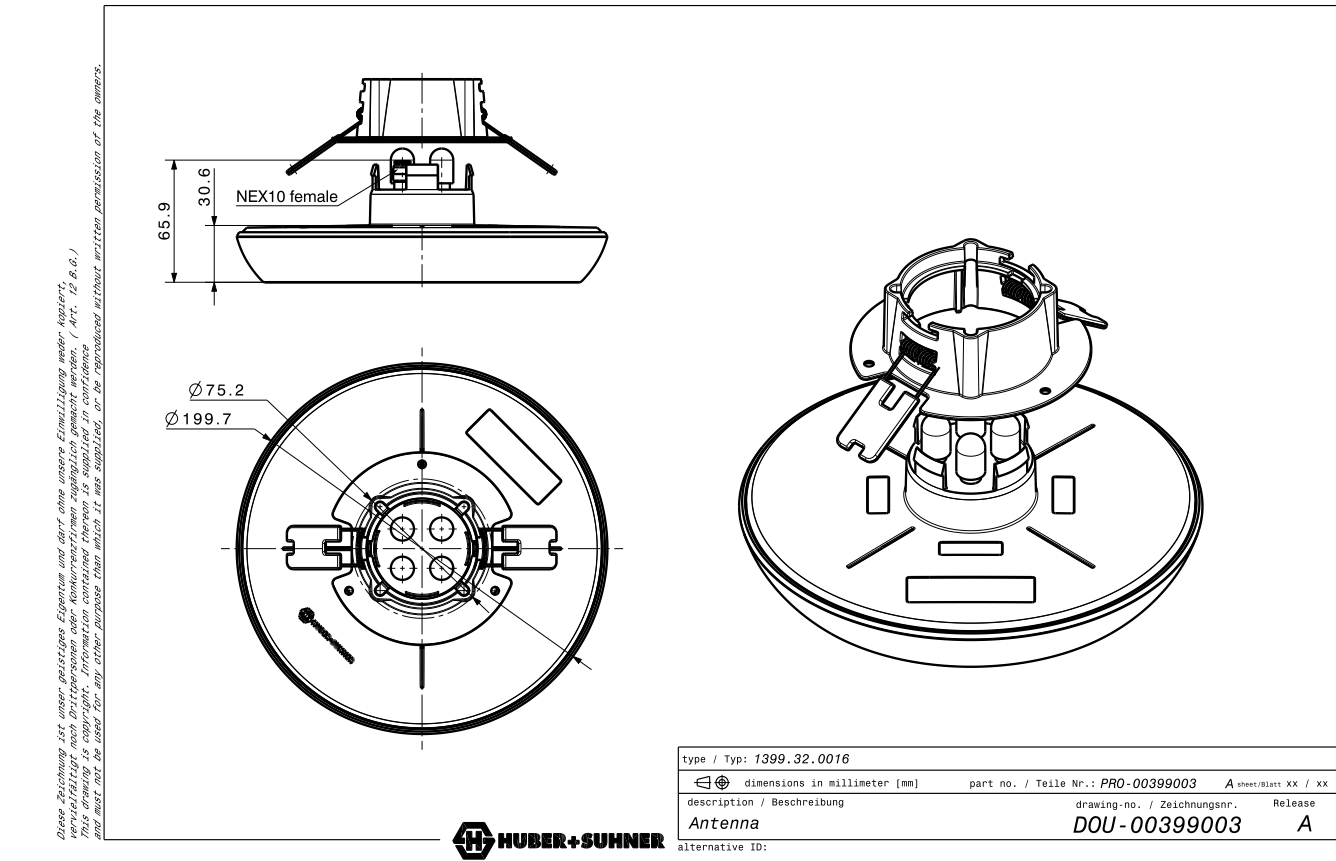
Mechanical data	
Weight	0.29 kg
Dimensions	32 mm x 200 mm (Height x Diameter)

Interface and 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

SENCITY® Occhio MIMO 4x4 Antenna
1399.32.0016

Outline drawing



HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P3226 / Date of publication: 17.06.2024 / uncontrolled copy