

## SENCITY® OCCHIO 4x4 MIMO Antenna 1399.32.0014

### Description

SENCITY Occhio MIMO 4x4 DAS (Distributed Antenna System) or small cell antenna. It offers 5G coverage, a simple, time-saving installation process and an attractive industry preferred design with a small form factor. Thanks to its multiband capability between 1.7-6 GHz it supports today's and future wireless applications. Antenna includes cable assemblies: SUCOFORM\_122\_LA Plenum cable with Nex10 male (antenna side) and 4.3-10 male (network connection side).



### Product Configuration

### Technical Data

#### Electrical Data

|                          | Band 1      | Band 2      | Band 3      | Band 4      |
|--------------------------|-------------|-------------|-------------|-------------|
| Frequency (MHz)          | 1695 - 2690 | 3300 - 4200 | 4500 - 5000 | 5150 - 6000 |
| VSWR                     | 1.5         | 1.5         | 1.5         | 1.5         |
| Impedance (Ohm)          | 50          | 50          | 50          | 50          |
| Gain (dBi)               | 4           | 4.5         | 6.5         | 6.5         |
| Ambient temperature (°C) |             |             |             |             |
| Port Isolation (dB)      | 18          | 22          | 25          | 25          |

#### Ports

|              | Port 1                 | Port 2                 | Port 3                 | Port 4                 |
|--------------|------------------------|------------------------|------------------------|------------------------|
| Connector    | NEX10, jack (female)   | NEX10, jack (female)   | NEX10, jack (female)   | NEX10, 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

|        | Band 1 | Band 2 | Band 3 | Band 4 |
|--------|--------|--------|--------|--------|
| Port 1 | X      | X      | X      | X      |
| Port 2 | X      | X      | X      | X      |
| Port 3 | X      | X      | X      | X      |
| Port 4 | X      | X      | X      | X      |

#### General Data

IMD level -153 dBc at carrier power 2x 43dBm

VSWR 1:1.7 in 1.695-1.8 GHz typical

#### Mechanical Data

Dimensions (mm) 32 x 200 (Height x Diameter)

#### Environmental Data

Environmental conditions indoor  
 Operation temperature (°C) 0 to 55  
 Storage temperature (°C) -40 to 85  
 Transport temperature (°C) -40 to 85  
 Flammability rating UL 94-V0  
 Solar radiation UL 746C, F1

## SENCITY® OCCHIO 4x4 MIMO Antenna 1399.32.0014

|  |           |
|--|-----------|
| 2011/65/EU (RoHS - including 2015/863 and 2017/2102) | compliant |
| Lead-free soldered                                   | yes       |
| REACH 1907/2006/EC                                   | compliant |

### Material Data

|                              |       |
|------------------------------|-------|
| Radome colour                | white |
| Back plate/base plate colour | black |

### Related Products

### Related Documents

|                      |                |
|----------------------|----------------|
| Mounting instruction | DOC-0000868068 |
| Outline drawing      | DOU-00390805   |

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