

**SENCITY® OCCHIO PLUS**

1399.32.0021

**Properties**

- Omnidirectional antenna for Cellular bands from 617 MHz till 6000 MHz
- Gain of 4 dBi with Vertical polarisation
- PIM better than -153 dBc at 2x43 dBm
- Supports MIMO 2x2 in Cellular and Wi-Fi Bands
- Nex10 female connector
- Smart bracket system is included

**Electrical data**

|                         | Band 1              | Band 2                | Band 3                | Band 4                |
|-------------------------|---------------------|-----------------------|-----------------------|-----------------------|
| Frequency               | 617 MHz ... 960 MHz | 1427 MHz ... 1660 MHz | 1695 MHz ... 2690 MHz | 3300 MHz ... 4200 MHz |
| Impedance               | 50 Ω                | 50 Ω                  | 50 Ω                  | 50 Ω                  |
| VSWR                    | 1.8                 | 1.8                   | 1.7                   | 1.7                   |
| Gain                    | 3 dBi               | 3 dBi                 | 3 dBi                 | 4 dBi                 |
| Isolation between Ports | 15 dB               | 20 dB                 | 20 dB                 | 25 dB                 |
| Ambient Temperature     | 25 °C               | 25 °C                 | 25 °C                 | 25 °C                 |

|                         | Band 5                |
|-------------------------|-----------------------|
| Frequency               | 4500 MHz ... 6000 MHz |
| Impedance               | 50 Ω                  |
| VSWR                    | 1.7                   |
| Gain                    | 5 dBi                 |
| Isolation between Ports | 25 dB                 |
| Ambient Temperature     | 25 °C                 |

**Electrical remarks**

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

**Ports**

|              | Port 1               | Port 2               |
|--------------|----------------------|----------------------|
| Connector    | NEX10, jack (female) | NEX10, jack (female) |
| Polarization | vertical             | vertical             |

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| Connections |        |        |
|-------------|--------|--------|
|             | Port 1 | Port 2 |
| Band 1      | ✓      | ✓      |
| Band 2      | ✓      | ✓      |
| Band 3      | ✓      | ✓      |
| Band 4      | ✓      | ✓      |
| Band 5      | ✓      | ✓      |

| Mechanical data |                                    |
|-----------------|------------------------------------|
| Weight          | 0.89 kg                            |
| Dimensions      | 45 mm x 275 mm (Height x Diameter) |

| Material data                 |                    |
|-------------------------------|--------------------|
| Radome material               | PC (Polycarbonate) |
| Radome colour                 | White              |
| Back plate/base plate plating | Black              |

| Environmental data        |                  |
|---------------------------|------------------|
| Operation temperature     | 0 °C ... 55 °C   |
| Storage temperature       | -40 °C ... 85 °C |
| Environment (application) | Indoor           |
| Flammability rating       | UL 94-V0         |

| Ordering information |             |                      |
|----------------------|-------------|----------------------|
| Item description     | Item number | Product name         |
| 1399.32.0021         | 85200712    | SENCITY® OCCHIO PLUS |

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