

## SENCITY® URBAN 100 1399.32.0003

### Description

Outdoor MIMO 2x2 directional antenna for 4G and 5G frequency bands  
2500-2690, 3300-3800, 3800-4200MHz  
Dual slant polarization.  
Very low PIM.  
With NEX10 connectors.



### Product Configuration

### Technical Data

#### Electrical Data

|                          | Band 1      | Band 2      | Band 3      |
|--------------------------|-------------|-------------|-------------|
| Frequency (MHz)          | 2500 - 2690 | 3300 - 3800 | 3800 - 4200 |
| VSWR                     | 2           | 2           | 2           |
| Gain (dBi)               | 4           | 7           | 7.5         |
| 3dB beamwidth (h) (°)    | 65          | 65          | 55          |
| 3dB beamwidth (v) (°)    | 65          | 65          | 58          |
| Ambient temperature (°C) |             |             |             |
| Front to back ratio (dB) | 8           | 13          | 14          |
| Port Isolation (dB)      | 20          | 20          | 20          |

#### Ports

|              | Port 1               | Port 2               |
|--------------|----------------------|----------------------|
| Connector    | NEX10, jack (female) | NEX10, jack (female) |
| Polarization | -45° slant           | +45° slant           |

#### Connections

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

#### General Data

IMD level -150 dBc at carrier power 2x 43dBm

#### Mechanical Data

Dimensions (mm) 96 x 117 (Height x Diameter)  
Weight (kg) 0.25

#### Environmental Data

Operation temperature (°C) -40 to 70  
IP rating IP66  
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

#### Material Data

Radome colour RAL 7035 (light-grey)  
Radome material PC (Polycarbonate)

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### Related Products

9091.99.0274 SENCITY® Antenna down- and sidetilt Bracket

9091.99.0238 SPOT-S Antenna Down- and Sidetilt Bracket

### Additional Information

