

SENCITY® URBAN 100 1399.17.0255

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 low loss pigtailed and N 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 | N, jack (female) | N, jack (female) |
| Cable Type | SUCOFORM_122_LA _CU_CMP | SUCOFORM_122_LA _CU_CMP |
| 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

VSWR 2.1:1 in 3300-3400MHz

Mechanical Data

Dimensions (mm) 96 x 117 (Height x Diameter)

Environmental Data

Environmental conditions indoor/outdoor
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)

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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

