

SENCITY® Urban 200 MIMO 2x2 antenna

1399.17.0252

Properties

- Directional antenna for Wi-Fi bands between 2400 MHz and 2500 MHz, 5000 MHz and 6000 MHz
- Gain of 6 dBi with dual slant $\pm 45^\circ$ polarisation
- Half power beamwidth of 75° (vertical) and 75° (Horizontal)
- Wall bracket is included. Pole bracket is sold as separate item (9091.99.0274)
- N female connector

**Electrical data**

	Band 1	Band 2
Frequency	2400 MHz ... 2500 MHz	5000 MHz ... 6000 MHz
Impedance	50 Ω	50 Ω
VSWR	2	2
Gain	5.3 dBi	6.1 dBi
HPBW vertical	95°	75°
HPBW horizontal	90°	75°
Isolation between Ports	20 dB	20 dB
Front to back ratio	7 dB	11 dB
Co/Crosspolar Ratio	23 dB	17 dB
Ambient Temperature	25°C	25°C
Composite Power max	125 W	125 W

Ports

	Port 1	Port 2
Connector	N, jack (female)	N, jack (female)
Polarization	-45° slant	$+45^\circ$ slant
DC grounded	No	No

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Connections		
	Port 1	Port 2
Band 1	✓	✓
Band 2	✓	✓

Mechanical data	
Weight	0.5 kg
Dimensions	184.8 mm x 164.6 mm x 84.2 mm (Height x Width x Depth)

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

Environmental data	
Operation temperature	-40 °C ... 70 °C
Storage temperature	-40 °C ... 70 °C
Transport temperature	-40 °C ... 70 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP66
Flammability rating	UL 94-V0

Antenna accessories		
Item description	Item number	Product name
9091.99.0274	85113372	SENCITY® Antenna down- and sidetilt Bracket

Antenna accessories remarks
9091.99.0274 SENCITY® Antenna down- and side tilt Bracket

Ordering information		
Item description	Item number	Product name
1399.17.0252	85110148	SENCITY® Urban 200 MIMO 2x2 antenna

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