

SENCITY® Urban 200

1399.17.0272

Properties

- High Gain Directional antenna for Cellular bands between 3300 MHz and 4200 MHz
- Gain of 11 dBi with dual slant +/-45° polarisation
- Half power beamwidth of 70° (horizontal) and 35° (vertical)
- Wall bracket is included. Pole bracket is sold as separate item (9091.99.0274)
- N female connector

**Electrical data**

	Band 1	Band 2
Frequency	3300 MHz ... 3800 MHz	3800 MHz ... 4200 MHz
Impedance	50 Ω	50 Ω
VSWR	1.8	1.8
Gain	11 dBi	11 dBi
Gain	11 dBic	11 dBic
HPBW vertical	35 °	35 °
HPBW horizontal	70 °	70 °
Isolation between Ports	23 dB	22 dB
Front to back ratio	20 dB	20 dB
Co/Crosspolar Ratio	15 dB	15 dB
Ambient Temperature	25 °C	25 °C
Composite Power max	95 W	90 W

Electrical remarks

IMD level	-150 dBc at carrier power 2x 43 dBm
Remarks	Max power level per port is 95W in Band 1 Max power level per port is 90W in Band 2

Ports

	Port 1	Port 2	Port 3	Port 4
Port name	Cellular 1	Cellular 2	Cellular 3	Cellular 4
Connector	N, jack (female)	N, jack (female)	N, jack (female)	N, jack (female)
Polarization	-45° slant	+45° slant	-45° slant	+45° slant

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Ports				
	Port 1	Port 2	Port 3	Port 4
DC grounded	No	No	No	
Connections				
	Port 1	Port 2	Port 3	Port 4
Port name	Cellular 1	Cellular 2	Cellular 3	Cellular 4
Band 1	✓	✓	✓	✓
Band 2	✓	✓	✓	✓
Mechanical data				
Weight		0.59 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 gray)		
Environmental data				
Operation temperature		-40 °C ... 70 °C		
Storage temperature		-40 °C ... 70 °C		
Environment (application)		Indoor/Outdoor		
Ingress protection (IP Rating)		IP66		
Flammability rating		UL 94-V0		
Ordering information				
Item description		Item number		Product name
1399.17.0272		85178889		SENCITY® Urban 200

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