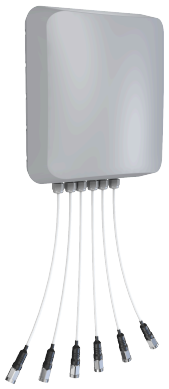
DATA SHEET

SENCITY® Urban 200

1399.31.0273

Properties

- Supports 4G Cellular Bands from 1.7 GHz till 2.7 GHz and 5G Cellular Bands from 3.4 GHz till 4.2 GHz in 4x4 MIMO configuration
- Gain 7dBi
- Half power beamwidth of 85° (vertical) and 70° (Horizontal) in 4G Bands. Half power beamwidth of 85° (vertical) and 80° (Horizontal) in 5G Bands.
- Plenum rated cable terminated with 4310 male connector



Electrical data				
	Band 1	**Band 2**	**Band 3**	**Band 4**
Name	Cellular 1	Cellular 2	Cellular 3	Cellular 4
Frequency	1710 MHz ... 1880 MHz	1920 MHz ... 2170 MHz	2500 MHz ... 2700 MHz	3400 MHz ... 3600 MHz
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
VSWR	2	1.5	1.9	1.5
Gain	7 dBi	7 dBi	6.5 dBi	6 dBi
HPBW vertical	85 °	85 °	85 °	85 °
HPBW horizontal	70 °	70 °	70 °	80 °
Isolation between Ports	20 dB	20 dB	20 dB	18 dB
Ambient Temperature	25 °C	25 °C	25 °C	25 °C
Composite Power max	45 W	42 W	40 W	18 W

	Band 5
Name	Cellular 5
Frequency	3800 MHz ... 4200 MHz
Impedance	50 Ω
VSWR	1.6
Gain	5 dBi
HPBW vertical	85 °
HPBW horizontal	80 °
Isolation between Ports	18 dB
Ambient Temperature	25 °C

SENCITY® Urban 200

1399.31.0273

	Band 5
Composite Power max	16 W

Electrical remarks	
IMD level	-150 dBc at carrier power 2x 40 dBm

Ports				
	Port 1	**Port 2**	**Port 3**	**Port 4**
Port name	Cellular	Cellular	Cellular	Cellular
Connector	4.3-10, straight, male	4.3-10, straight, male	4.3-10, straight, male	4.3-10, straight, male
Cable type	sucoform_122-LA-CU-CMP	sucoform_122-LA-CU-CMP	sucoform_122-LA-CU-CMP	sucoform_122-LA-CU-CMP
Cable length	1 m	1 m	1 m	1 m
Polarization	+45° slant	-45° slant	+45° slant	-45° slant
DC grounded	No	No	No	No

	Port 5	**Port 6**
Port name	Cellular	Cellular
Connector	4.3-10, straight, male	4.3-10, straight, male
Cable type	sucoform_122-LA-CU-CMP	sucoform_122-LA-CU-CMP
Cable length	1 m	1 m
Polarization	+45° slant	-45° slant
DC grounded	No	No

Connections						
	Port 1	Port 2	Port 3	Port 4	Port 5	Port 6
Port name	Cellular	Cellular	Cellular	Cellular	Cellular	Cellular
Band 1			✓	✓		
Band 2			✓	✓		
Band 3			✓	✓		
Band 4	✓	✓			✓	✓
Band 5	✓	✓			✓	✓

Mechanical data	
Weight	0.8 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
Transport temperature	-40 °C ... 70 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	Mated / IP 66 / IP 67

SENCITY® Urban 200

1399.31.0273

Ordering information		
Item description	Item number	Product name
1399.31.0273	85224309	SENCITY® Urban 200

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P46013 / Date of publication: 28.05.2026 / uncontrolled copy