

SENCITY® Urban 100 Directional MIMO 2x2 antenna

1399.32.0003

Properties

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



Electrical data			
	Band 1	Band 2	Band 3
Frequency	2500 MHz ... 2690 MHz	3300 MHz ... 3800 MHz	3800 MHz ... 4200 MHz
VSWR	2	2	2
Gain	4 dBi	7 dBi	7.5 dBi
HPBW vertical	65 °	65 °	58 °
HPBW horizontal	65 °	65 °	55 °
Isolation between Ports	20 dB	20 dB	20 dB
Front to back ratio	8 dB	13 dB	14 dB

Electrical remarks

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

Ports

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

Connections

	Port 1	Port 2
Band 1	✓	✓
Band 2	✓	✓
Band 3	✓	✓

SENCITY® Urban 100 Directional MIMO 2x2 antenna

1399.32.0003

Mechanical data		
Weight		0.25 kg
Dimensions		96 mm x 117 mm (Height x Diameter)
Material data		
Radome material		PC (Polycarbonate)
Radome colour		RAL 7035 (light-grey)
Environmental data		
Operation temperature		-40 °C ... 70 °C
Ingress protection (IP Rating)		IP66
Antenna accessories		
Item description	Item number	Product name
9091.99.0274	85113372	SENCITY® Antenna down- and sidetilt Bracket
9091.99.0238	84084452	SPOT-S Antenna Down- and Sidetilt Bracket
Ordering information		
Item description	Item number	Product name
1399.32.0003	85121225	SENCITY® Urban 100 Directional MIMO 2x2 antenna

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-P3231 / Date of publication: 19.08.2025 / uncontrolled copy