

SENCITY® Spot-L 2x2 WiFi MIMO Antenna

1324.17.0106

Properties

- Directional high gain antenna for Wi-Fi 1/Wi-Fi 3 bands
- Supports 2X2 WiFi MIMO
- Supports from 2.3 GHz to 2.7 GHz frequency bands
- +/- 45° dual-slant polarized
- For outdoor or indoor applications

**Electrical data**

	Band 1	Band 2
Frequency	2300 MHz ... 2400 MHz	2400 MHz ... 2700 MHz
Impedance	50 Ω	50 Ω
VSWR	1.8	1.8
Gain	17.5 dBi	18 dBi
HPBW vertical	21 °	21 °
HPBW horizontal	21 °	21 °
Isolation between Ports	18 dB	18 dB
Vertical Electrical Tilt	0 °	0 °
Composite Power max	6 W	

Ports

	Port 1	Port 2
Connector	N, jack (female)	N, jack (female)
Polarization	-45° slant	+45° slant
DC grounded	Yes	Yes

Connections

	Port 1	Port 2
Band 1	✓	✓
Band 2	✓	✓

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Mechanical data	
Weight	1.2 kg
Dimensions	305 mm x 305 mm x 15 mm (Height x Width x Depth)
Remarks	Wind load - frontal: 26.6 N at 160 km/h, lateral: 1.3 N at 160 km/h, Wind speed survival: 220 km/h Two ports on the back - connectors N (female)

Material data	
Radome material	Plastic
Radome colour	RAL 9002 (grey-white)
Back plate/base plate material	Aluminium

Environmental data	
Operation temperature	-45 °C ... 70 °C
Storage temperature	-45 °C ... 70 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	Mated / IP67
Flammability rating	UL 94-HB

Environmental remarks	
Temperature condition low: IEC 68-2-1 (-55 °C) Temperature condition high: IEC 68-2-2 (+71 °C) Solar radiation: ASTM G53 Salt spray: IEC 68-2-11 Ka / 500 h	

Antenna accessories		
Item description	Item number	Product name
9091.99.0183	84007205	Planar Antenna Downtilt Bracket

Ordering information		
Item description	Item number	Product name
1324.17.0106	85001949	SENCITY® Spot-L 2x2 WiFi MIMO Antenna

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