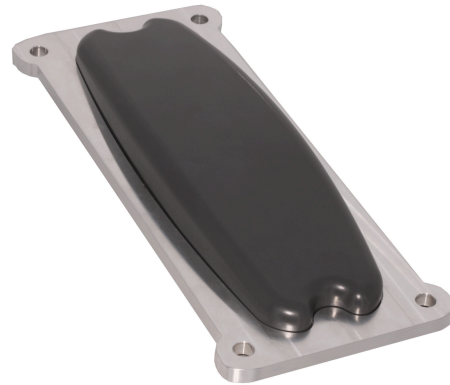


SENCITY® Bridge MIMO 3x3 Antenna

1356.35.0005

Properties

- Directional low gain 3x3 MIMO antenna for Wi-Fi bands between 5150 and 5935 MHz
- Vertical and +/-45° polarisation for MIMO performance
- Narrow beam width and very low directional gain to prevent interference
- Three connector ports directly on the rear, 3 x QMA jack (straight)

**Electrical data**

	Band 1
Frequency	5150 MHz ... 5935 MHz
Impedance	50 Ω
VSWR	1.3
Gain	-2 dBi
HPBW vertical	65 °
HPBW horizontal	65 °
Isolation between Ports	30 dB
Vertical Electrical Tilt	0 °
Ambient Temperature	25 °C
Composite Power max	30 W

Electrical remarks

Remarks	Gain values include the intentionally extra attenuation of 10 dB, built-in to each of the three antenna radiator port paths
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Ports

	Port 1	Port 2	Port 3
Connector	QMA, jack (female)	QMA, jack (female)	QMA, jack (female)
Polarization	-45° slant	vertical	+45° slant

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

Mechanical data	
Weight	0.65 kg
Dimensions	302 mm x 129 mm x 33 mm (Height x Width x Depth)
Remarks	Ensure a flat mounting surface.

Material data	
Radome material	PC (Polycarbonate)
Radome colour	RAL 7043 (dark grey)
Back plate/base plate material	Aluminum
Back plate/base plate colour	Grey

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP56
Flammability rating	EN 45545-2

Ordering information		
Item description	Item number	Product name
1356.35.0005	85109045	SENCITY® Bridge MIMO 3x3 Antenna

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