

SENCITY® Omni-S 3x3 Wi-Fi MIMO Antenna

1399.35.0004

Properties

- Small omni-directional MIMO antenna for Wi-Fi + LTE 2600 applications
- Dual band Wi-Fi / WLAN and LTE 2600 3 x 3 MIMO antenna
- Supports the 2.4 GHz and 5 GHz and LTE 2.5 to 2.7 GHz bands
- Three ports each with broad-band antenna radiator technology
- Contains three RF ports QMA (female) embedded on the rear side
- IEEE 802.11 b/g/a/h/p and 802.11 n / ac
- IP65 rating

**Electrical data**

	Band 1	Band 2
Frequency	2400 MHz ... 2690 MHz	5150 MHz ... 5935 MHz
Impedance	50 Ω	50 Ω
VSWR	1.7	1.7
Gain	4 dBi	6 dBi
HPBW horizontal	360 °	360 °
Isolation between Ports	20 dB	20 dB
Ambient Temperature	25 °C	25 °C
Composite Power max	40 W	30 W

Ports

	Port 1	Port 2	Port 3
Port name	WiFi 1	WiFi 2	WiFi 3
Connector	QMA, jack (female)	QMA, jack (female)	QMA, jack (female)
Polarization	vertical	vertical	vertical
DC grounded	Yes	Yes	Yes

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Connections			
	Port 1	Port 2	Port 3
Port name	WiFi 1	WiFi 2	WiFi 3
Band 1	✓	✓	✓
Band 2	✓	✓	✓

Mechanical data	
Weight	0.32 kg
Dimensions	32 mm x 282 mm x 92 mm (Height x Width x Depth)

Material data	
Radome material	PC (Polycarbonate)
Radome colour	RAL 7044 (grey)
Back plate/base plate material	Aluminum

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor
Ingress protection (IP Rating)	IP65
Flammability rating	UL 94-V0

Environmental remarks
Operating conditions: ETSI EN 300 019-2-3 V2.2.2 (2003-04) T3.3
NOTE: IP rating is achieved if using QLF-approved "waterproof" QMA (male) cable connectors for the jumper cables.
For more information about QLF connections refer to www.qlf.info

Ordering information		
Item description	Item number	Product name
1399.35.0004	85013265	SENCITY® Omni-S 3x3 Wi-Fi MIMO Antenna

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