

## SENCITY® Omni-S 3x3 WiFi MIMO Antenna 1399.35.0004

### Description

Small omni-directional MIMO antenna for WiFi + LTE 2600 applications  
 Dual band WiFi / 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  
 IEEE 802.11 b/g/a/h/p and 802.11 n / ac  
 For industrial indoor environment - IP65 protected



\*\*\*\*\* 3 x 3 WiFi dual-band MIMO antenna with three ports QMA (female) \*\*\*\*\*

### Product Configuration

### Technical Data

#### Electrical Data

	Band 1	Band 2
Frequency (MHz)	2400 - 2690	5150 - 5935
VSWR	1.7	1.7
Impedance (Ohm)	50	50
Gain (dBi)	4	6
3dB beamwidth (h) (°)	360	360
Composite power max (W)	40	30
Ambient temperature (°C)	25	25
Port Isolation (dB)	20	20

#### 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

#### Connections

	Band 1	Band 2
Port 1	X	X
Port 2	X	X
Port 3	X	X

#### General Data

#### Mechanical Data

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

#### Environmental Data

Environmental conditions indoor  
 Operation temperature (°C) -40 to 85  
 Operating conditions ETSI EN 300 019-2-3 V2.2.2 (2003-04) T3.3  
 Storage temperature (°C) -40 to 85  
 Transport temperature (°C) -40 to 85  
 IP rating IP65  
 Flammability rating UL 94-V0  
 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant  
 Lead-free soldered yes  
 WEEE 2012/19/EU special marking needed  
 REACH 1907/2006/EC compliant

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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](http://www.qlf.info)

### Material Data

Radome colour	RAL 7044 (grey)
Radome material	PC (Polycarbonate)
Back plate/base plate material	Aluminium

### Related Products

9091.99.0240 Ceiling Bracket

### Related Documents

Mounting instruction	DOC-0000333282
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00249841
3D-model	DOC-0000374074

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