

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

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