Data Sheet

HUBER+SUHNER

SENCITY® Omni-SR Slim MIMO Antenna
1399.35.0008

Description

Compact omni-directional MIMO indoor antenna for WiFi applications.
Supports 3x3 WiFi MIMO in all Wi-Fi 6E bands.
Rugged design, meets EN 50155 railway standard.
Fire retardant acc. to DIN 5510-2, BS 6853, EN 45545-2, NFPA130
Contains three integrated QMA (female) ports.



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3
Frequency (MHz)	2400 - 2690	5150 - 5935	5935 - 7125
VSWR	1.5	1.5	1.8
Impedance (Ohm)	50	50	50
Gain (dBi)	4	6	6
3dB beamwidth (h) (°)	360	360	360
Composite power max (W)	40	30	30
Ambient temperature (°C)	25	25	25
Port Isolation (dB)	20	20	20

Ports

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

Connections

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

General Data

Mechanical Data

Dimensions (mm)	31 x 91.8 x 281.8 (Heigth x Width x Depth)
Weight (kg)	0.32

Low corrosion design acc. to MIL-F-14072(E).

Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-40 to 85
Storage temperature (°C)	-40 to 85
Transport temperature (°C)	-40 to 85
IP rating	IPX5
Flammability rating	EN 45545-2
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	no special marking needed
REACH 1907/2006/EC	compliant

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Flammability rating: DIN 5510-2, BS 6853, EN 45545-2, NFPA130
High-voltage-protection: Designed acc. to UIC 533
Environmental compliance: EN50155:2007

Material Data

Radome colour	RAL 9010 (white)
Radome material	PC (Polycarbonate)
Back plate/base plate material	Aluminium

Related Documents

Mounting instruction	DOC-0000333282
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00334639
3D-model	DOC-0000799857

Additional Information

Antenna is identical to 1399.35.0002 but with radome colour RAL 9010 (white).

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.