

SENCITY® Omni-S MIMO Antenna 1399.35.0002

SWA-2456/360/6/0/MIMO_2

Description

Small omni-directional MIMO indoor antenna for WiFi applications.
 Supports the 2.4 GHz and 5 GHz bands.
 Rugged design, meets EN 50155 railway standard.
 Fire retardant acc. to DIN 5510-2, BS 6853, EN 45545-2.



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2
Frequency (MHz)	2400 - 2690	5150 - 5935
VSWR	1.5	1.5
Impedance (Ohm)	50	50
Gain (dBi)	4	6
3dB beamwidth (h) (°)	360	360
Port Isolation (dB)	20	20

Ports

	Port 1	Port 2	Port 3
Connector	QMA, jack (female)	QMA, jack (female)	QMA, jack (female)
Polarization	vertical	vertical	vertical

Connections

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

General Data

DC Grounding	Yes
Composite Power max (W)	10

Mechanical Data

Dimensions (mm)	31 x 91.8 x 281.8 (Height 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	UL 94-V0
RoHS 2011/65/EU	compliant
REACH 2006/1907/EC	compliant

Flammability rating: DIN 5510-2, BS 6853, EN 45545-2(2013)

High-voltage-protection: Designed acc. to UIC 533

Environmental compliance: EN50155:2007

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Material Data

Radome colour	RAL 7044 (grey)
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-00180748
3D-model	DOC-0000353495

Additional Information

Some documents are related to the similiar antenna type 1399.35.0001.