HUBER+SUHNER® DATA SHEET Sencity® OMNI-S MIMO Antenna: 1399.35.0002

Rev : .I

SWA-2456/360/6/0/MIMO 2

Description

Sencity® OMNI-S MIMO Antenna

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, NF F16-101/102, CEN/TS 45545 (2009) .

Dand 1



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3	Band 4
Frequency (MHz)	2400 - 2485	2495 - 2690	5150 - 5350	5470 - 5935
VSWR	1.5	1.5	1.5	1.5
Gain (dBi)	4	4	6	6
3dB beamwidth (h) (°)	360	360	360	360
Isolation between ports (dB)	20	20	20	20

General Data

50 Ω Nominal impedance DC grounded Yes Polarisation vertical

Connector QMA, jack (female), bottom

Composite power max. 10 W at ambient temperature 25 °C

Polarization is 3 x linear, vertical for MIMO application. Note

All 3 antenna elements have the same characteristics as indicated above.

Mechanical Data

Dimensions (mm) 281.8 x 91.8 x 31 (Height x Width x Depth)

Weight

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

Environmental Data

Environmental conditions indoor Operation temperature (°C) -40 to 85 -40 to 85 Storage temperature (°C) Transport temperature (°C) -40 to 85 RoHS 2002/95/EC compliant

DIN 5510-2, BS 6853, NF F16-102, CEN/TS 45545 (2009) Flammability rating

High-voltage-protection Designed acc. to UIC 533, DC-grounded antenna

Environmental compliance EN50155:2007

Material Data

Radome colour RAL 7044 (grey)

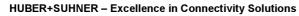
Radome material PC Back plate/base plate material Aluminium

Related Documents

Mounting instruction DOC-0000333282 Painting instruction DOC-0000256180 Security instruction DOC-0000278984

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only



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(H)

Rev.: J

Outline drawing1 DOU-00180748 3D-model (Step) DOC-0000353495

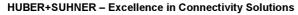
Additional Information

Some documents are related to the similiar antenna type 1399.35.0001.

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

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Page 2/2