

**SENCITY® Omni-SR 3x3 MIMO Antenna**

1399.35.0002

**Properties**

- Compact omni-directional MIMO indoor antenna for Wi-Fi applications
- Supports 3x3 Wi-Fi 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 RF ports QMA (female) embedded on the rear side



Electrical bands			
	Band 1	Band 2	Band 3
Frequency	2400 MHz ... 2690 MHz	5150 MHz ... 5935 MHz	5935 MHz ... 7125 MHz
VSWR	1.5	1.5	1.8
Impedance	50 Ω	50 Ω	50 Ω
Gain	4 dBi	6 dBi	6 dBi
HPBW horizontal	360 °	360 °	360 °
Isolation between Ports	20 dB	20 dB	20 dB
Ambient Temperature	25 °C	25 °C	25 °C
Composite Power max	40 W	30 W	30 W

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			
Port number	Port 1	Port 2	Port 3
Band 1	✓	✓	✓
Band 2	✓	✓	✓

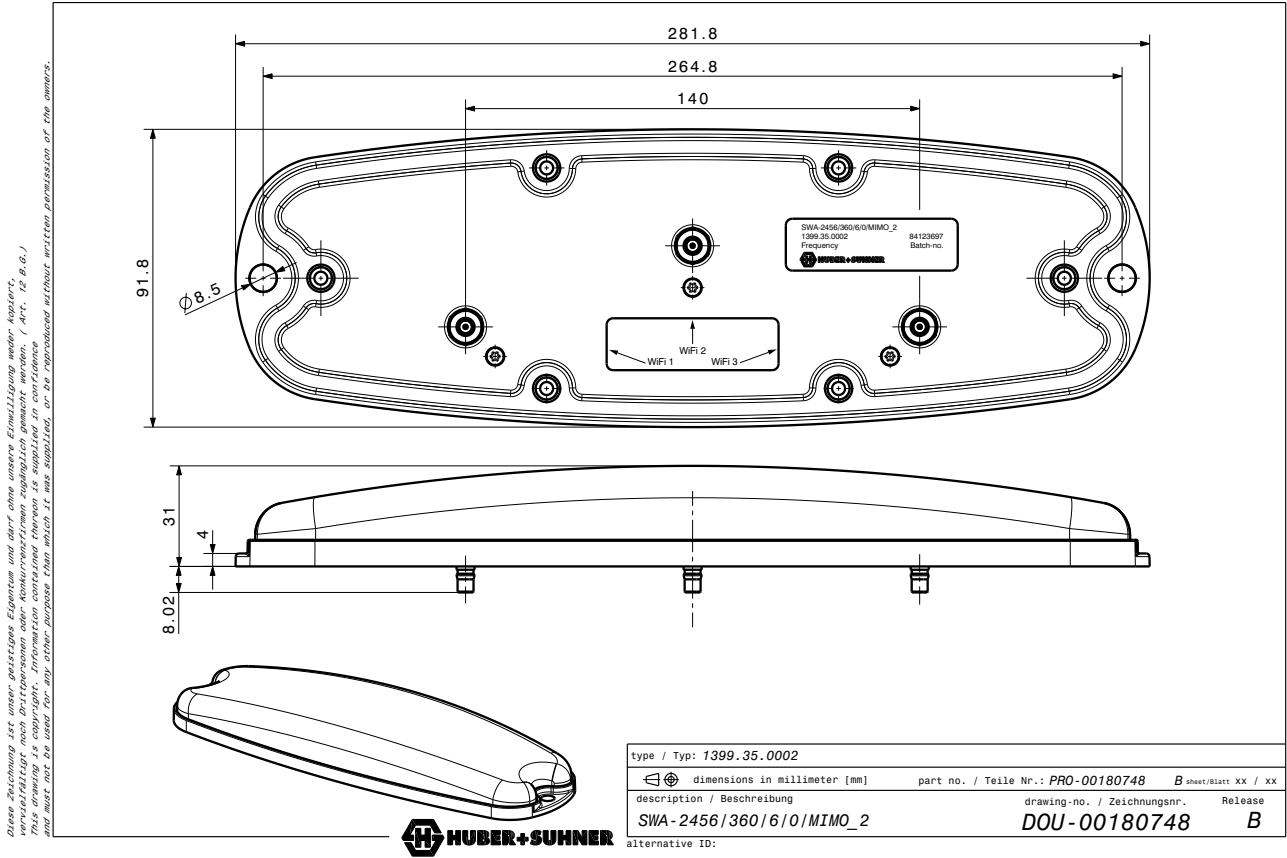
**SENCITY® Omni-SR 3x3 MIMO Antenna**

1399.35.0002

<b>Connections</b>	
Band 3	✓
	✓
	✓
<b>Mechanical data</b>	
Weight	0.32 kg
Dimensions	31 mm x 91.8 mm x 281.8 mm (Height x Width x Depth)
Remarks	Low corrosion design acc. to MIL-F-14072(E).
<b>Interface and material data</b>	
Radome material	PC (Polycarbonate)
Radome colour	RAL 7044 (grey)
Back plate/base plate material	Aluminum
<b>Environmental data</b>	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor
Ingress protection (IP Rating)	IPX5
Flammability rating	EN 45545-2
<b>Environmental remarks</b>	
Flammability rating: DIN 5510-2, BS 6853, EN 45545-2, NFPA130	
High-voltage-protection: Designed acc. to UIC 533	
Environmental compliance: EN50155:2007	
<b>Additional Information</b>	
Antenna is identical to 1399.35.0008 but with radome colour RAL 7044 (grey).	

**SENCITY® Omni-SR 3x3 MIMO Antenna**  
1399.35.0002

**Outline drawing**



HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind. DOCUMENT PIM-P3225 / Date of publication: 12.06.2024 / uncontrolled copy