

SENCITY® Spot-S Wi-Fi Antenna

1324.35.0006

Properties

- Compact Industrial antenna for Wi-Fi bands between 2400 and 2500 MHz
- Gain of 8.5 dBi with Vertical polarisation
- Meets EN50155 and fire retardant according to EN 45545-2.
- For both indoor and outdoor mounting with IP rating IP66 & IP67
- Wall mounting material included

**Electrical bands**

	Band 1
Frequency	2400 MHz ... 2500 MHz
VSWR	1.5
Impedance	50 Ω
Gain	8.5 dBi
HPBW vertical	75 °
HPBW horizontal	75 °
Front to back ratio	12 dB
Ambient Temperature	25 °C
Composite Power max	30 W

Ports

	Port 1
Connector	QMA, jack (female)
Polarization	vertical
DC grounded	Yes

Mechanical data

Weight	0.11 kg
Dimensions	101 mm x 81 mm x 36 mm (Height x Width x Depth)
Windload	front: 15 N at 160km/h, Wind Speed survival: 220 km/h

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Interface and material data

Radome material	PC (Polycarbonate)
Radome colour	RAL 7044 (grey)

Environmental data

Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP 66 / IP 67

Environmental remarks

- Meets EN 50155 railway standard fire retardant acc. to DIN 5510-2, EN 45545-2, BS 6853, and outdoor use acc. to NF F16-101/102
- Meets environmental standards according to EN 60068
IP RATING: IP 66 / IP 67 (IEC 60529)
SOLAR RADIATION: EN 50125-3:2004 §4.9, 1120 W/m² for 20h
RAIN: EN 50125-3:2004 §4.6, delivery rate: 6 mm/min
CORROSION: MIL-F-14072 E Type 1 "exposed"

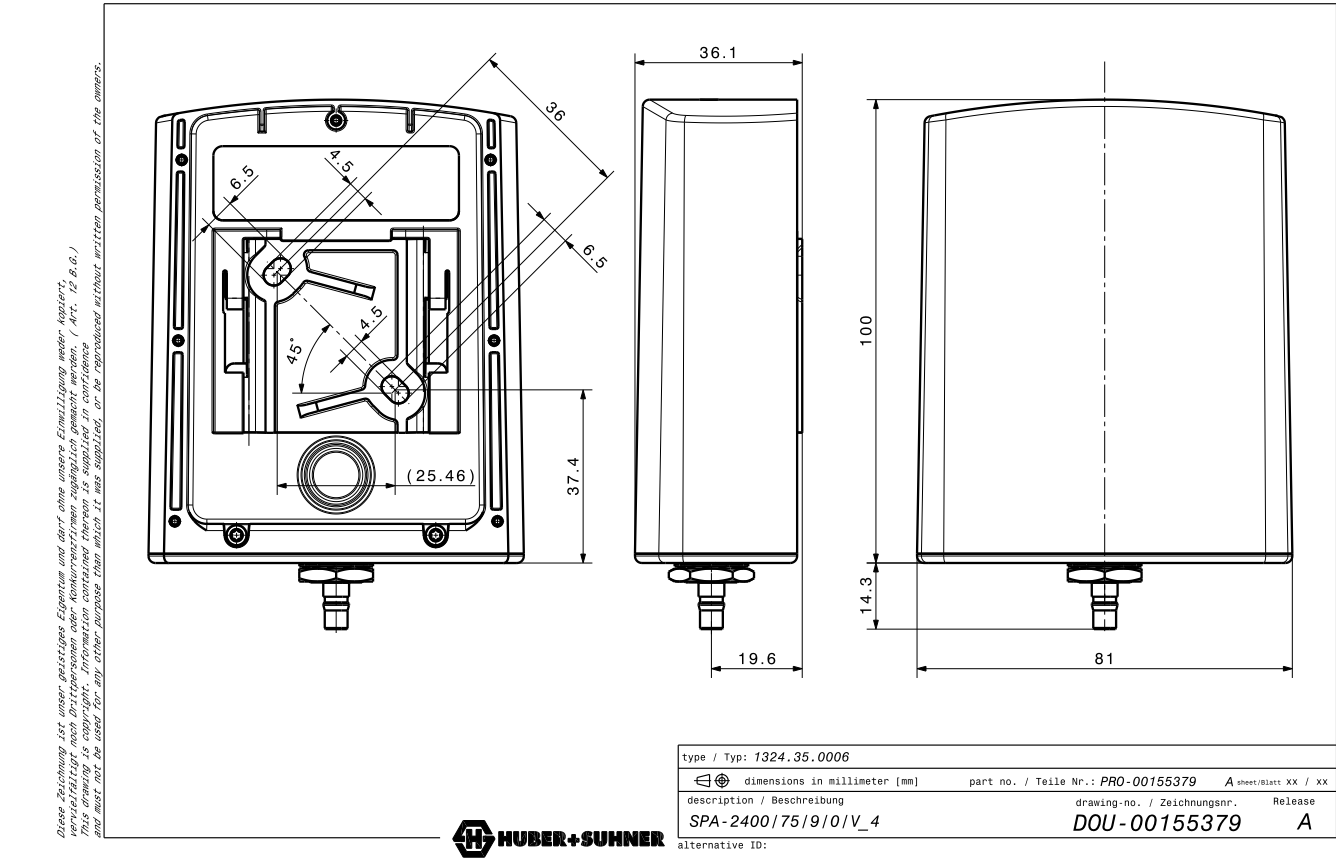
Additional Information

Following Declaration of Conformity for SENCITY® Spot-S antennas are available on request:

- Industrial standards EN 60068 / EN 60529 / IEC 61373 s; ref. DOC-0000318049
- Railway rolling stock, environmental standards EN 50155 and fire behavior EN 45545-2; ref. DOC-0000380375

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Outline drawing



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