

SENCITY®OMNI-S Stick Antenna

1356.17.0067

Properties

- Omni-directional stick antenna for Wi-Fi band between 5150 to 5875 MHz
- Gain of 5 dBi with Vertical Polarisation
- For both indoor and outdoor applications with rating IP67
- Suitable for Pole or Wall mounting



Electrical bands	
	Band 1
Frequency	5150 MHz ... 5875 MHz
VSWR	1.7
Impedance	50 Ω
Gain	5 dBi
HPBW vertical	25 °
HPBW horizontal	360 °
Vertical Electrical Tilt	0 °
Ambient Temperature	25 °C
Composite Power max	6 W

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

Mechanical data	
Weight	0.1 kg
Dimensions	191 mm x 17.6 mm (Height x Diameter)
Windload	front: 7 N at 160 km/h, lateral: 7 at 160 km/h, Wind Speed survival: 220 km/h
Remarks	Included mounting material: Bracket and 2 metal bands for mast diameter 25 to 101 mm

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Interface and material data

Radome material	PP (Polypropylene)
Radome colour	RAL 9002 (grey-white)

Environmental data

Operation temperature	-45 °C ... 70 °C
Storage temperature	-45 °C ... 70 °C
Transport temperature	-45 °C ... 70 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP67
Flammability rating	UL 94-HB

Environmental remarks

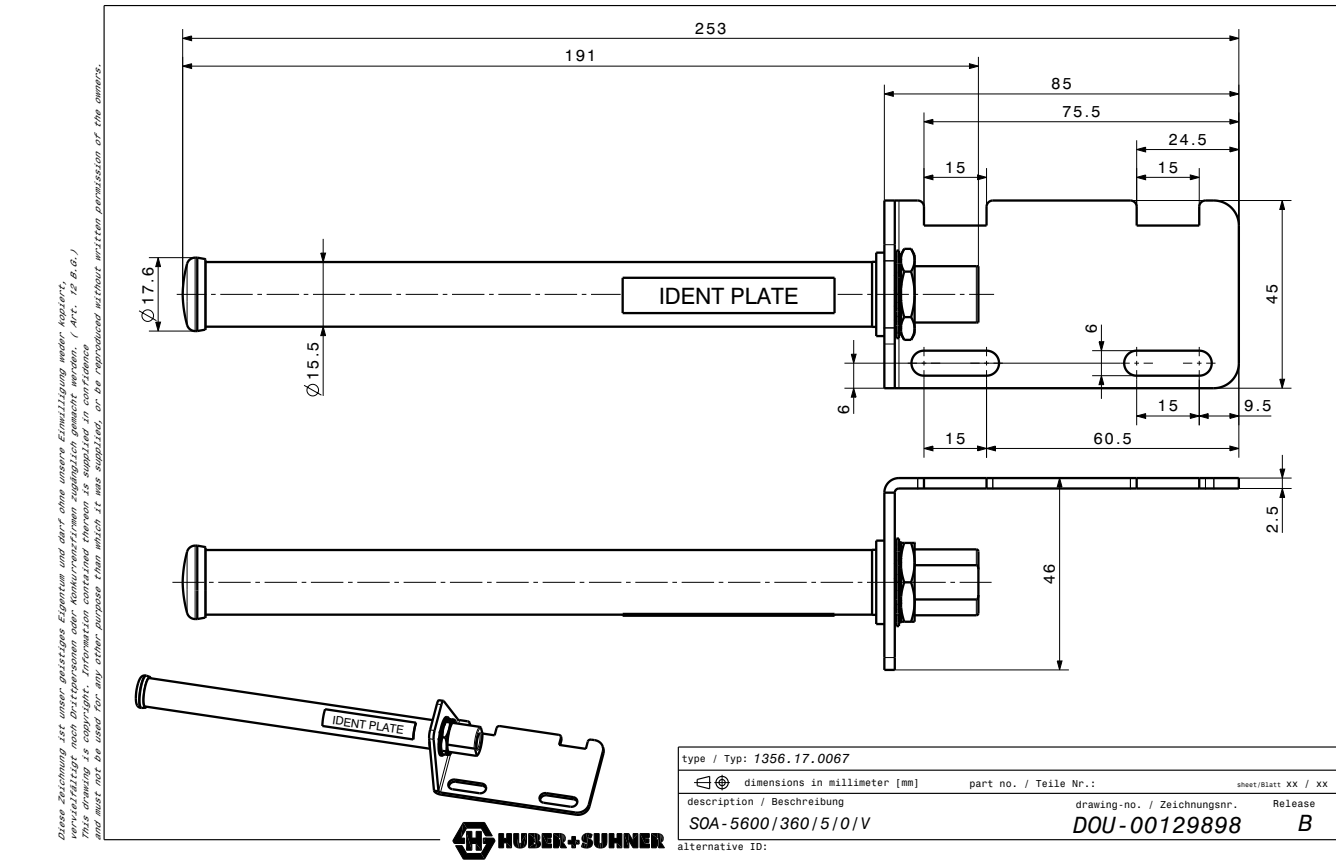
Temperature condition low -55°, IEC 60068-2-1
Temperature condition hig +71°, IEC 60068-2-2
Temperature cycling IEC 60068-2-14 1h -45°C to +70°C 3 cycles
Salt spray IEC 60068-2-11 Ka / 500 h
Humidity ETSI EN300-2-4 T4.1E / 144h / 95%
Solar radiation ASTM G53 / 1000 h
Mechanical shock EC 60721-3-4, 4M5
Vibration IEC 60721-3-4 30 min/axis random 4M5

Additional Information

Mast / wall mounting accessories included

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Outline drawing



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DOCUMENT PIM-P3287 / Date of publication: 20.06.2024 / uncontrolled copy