

SENCITY® Road PUCK Antenna

K7023231

Properties

- Frequency range from 440 to 470 MHz
- Meets EN50155 standard
- ECE-R118 approved
- Single-hole mounting with only 70mm in height



Electrical bands			
	Band 1	Band 2	Band 3
Frequency (MHz)	440 MHz ... 450 MHz	450 MHz ... 465 MHz	465 MHz ... 470 MHz
Impedance	50 Ω	50 Ω	50 Ω
VSWR	1.7	1.5	1.7
Ambient Temperature	25 °C	25 °C	25 °C

Electrical remarks

Remarks	Indicated VSWR values are valid for a metallic ground plane of 1M x 1M or larger.
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Ports

Port name	Tetra
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

Port number	
Band 1	✓
Band 2	✓
Band 3	✓

HYPER-SOUND

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Mechanical data	
Weight	0.4 kg
Dimensions	70 mm x 110 mm (Height x Diameter)
Remarks	Radiator and base: Aluminum. Radome: High impact plastic. All screws and nuts: Stainless steel. All metal parts of this antenna are DC grounded. Robust and car-wash proof vehicular antenna. Packaging size (outside): 117 x 117 x 114 mm

Material data	
Radome colour	Black
Back plate/base plate material	Aluminium
Back plate/base plate colour	Grey
Housing material and surface treatment	Grey

Environmental data	
Operation temperature	-40 °C ... 85°C
Storage temperature	-40 °C ... 85°C
Transport temperature	-40 °C ... 85°C
Environment (application)	Outdoor
Ingress protection (IP Rating)	IP56
Flammability rating	ECE-R118

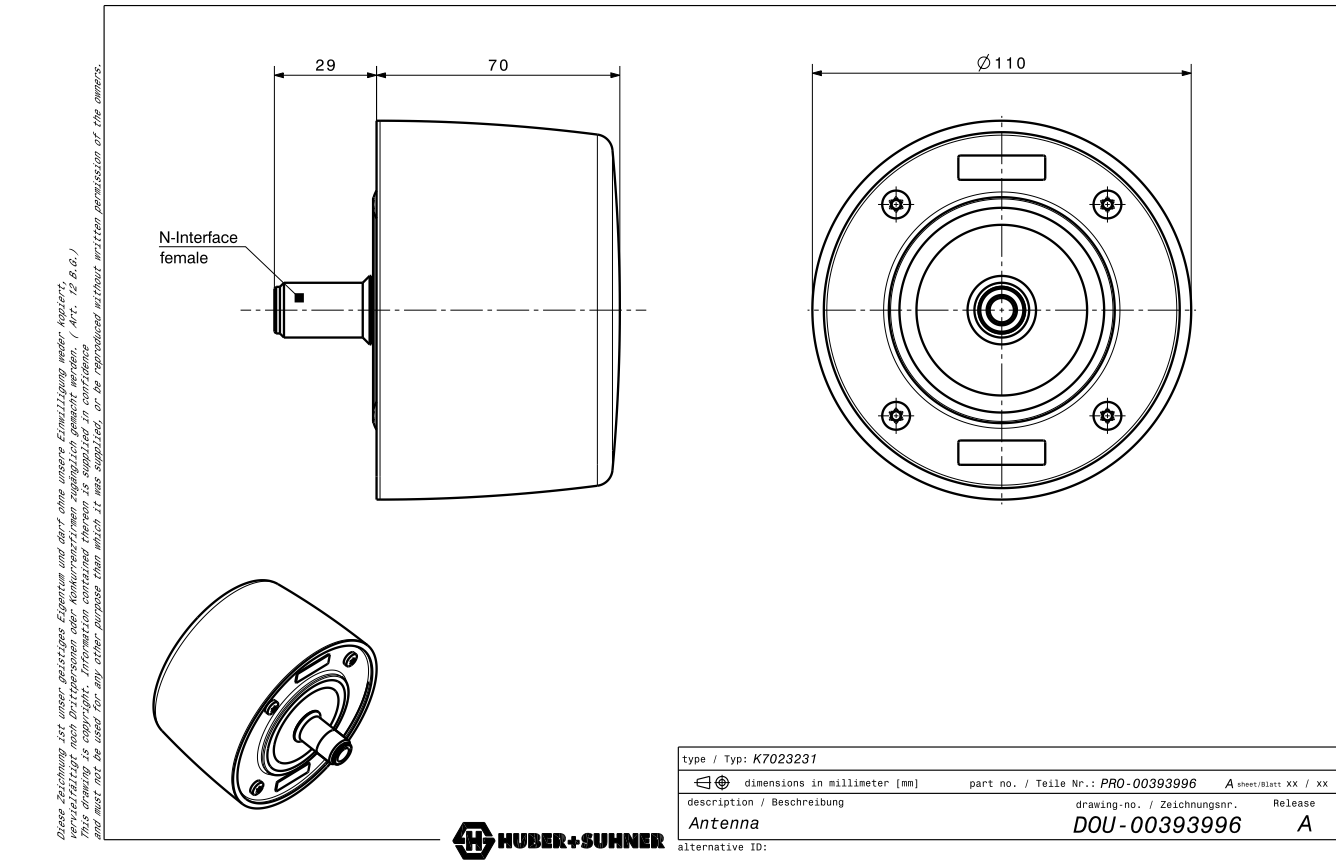
Environmental remarks	
ECE-R118 for rooftop installation only.	

Additional Information	
The drilling diameter is 12 mm except the N connector versions: 17 mm. A special zinc washer ensures a good contact at the edges of the hole.	



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Outline drawing



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