

SENCITY® Road PUCK Antenna

K7023231

Properties

- Frequency range from 440 MHz to 470 MHz
- Meets EN 50155 standard
- ECE-R118 approved
- Single-hole mounting with only 70mm in height



Electrical bands			
	Band 1	Band 2	Band 3
Frequency	440 MHz ... 450 MHz	450 MHz ... 465 MHz	465 MHz ... 470 MHz
VSWR	1.7	1.5	1.7
Impedance	50 Ω	50 Ω	50 Ω
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 1
Port name	Tetra
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

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

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

Interface and material data	
Radome material	High impact plastic
Radome colour	Black
Back plate/base plate material	Aluminum
Back plate/base plate colour	Grey

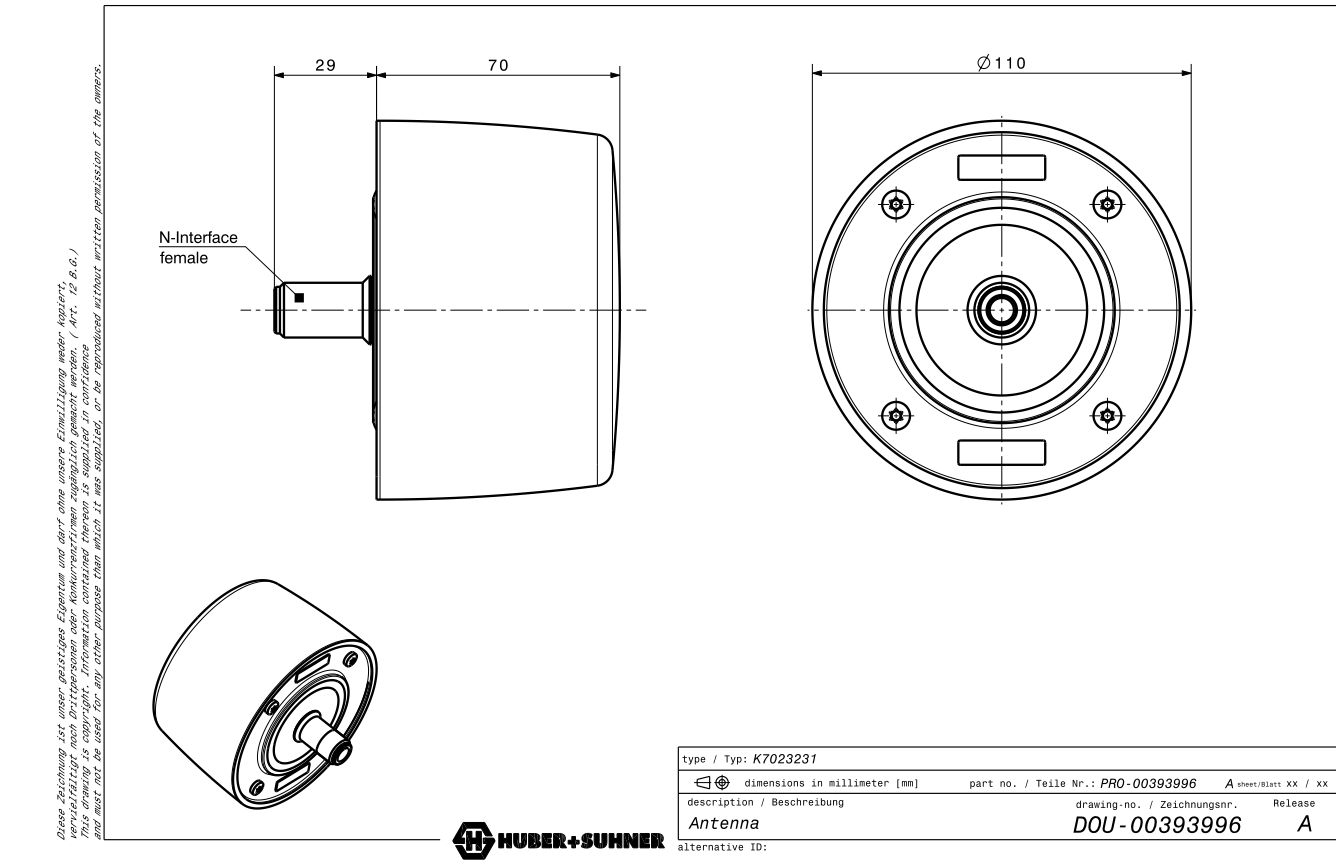
Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	Mated / IP56
Flammability rating	ECE-R118

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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