

SENCITY® Rail Antenna

K702121

Properties

- Railway rooftop antenna for 450 to 470 MHz
- Rugged design, meets EN 50155 Railway Standard
- Fire retardant according to EN 45545-2
- Contains a heavy duty fibreglass radome



Electrical bands	
	Band 1
Name	Tetra
Frequency (MHz)	450 MHz ... 470 MHz
Impedance	50 Ω
VSWR	1.6
Gain (dBi)	3 dBi
Ambient Temperature	25 °C

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

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

Connections	
Port number	
Band 1	☒

HYPER-SOUND

ES France - Département RF & Hyperfréquences
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Mechanical data	
Weight	0.8 kg
Dimensions	355 mm x 145 mm x 80 mm (Height x Width x Depth)
Remarks	"Flange: Aluminum. Radiator: Copper. Radome: Fiberglass; Colour: Light grey. All screws and nuts: Stainless steel. Sealing: Neoprene and EPDM. Packaging size (outside): 151 x 90 x 415 mm"

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

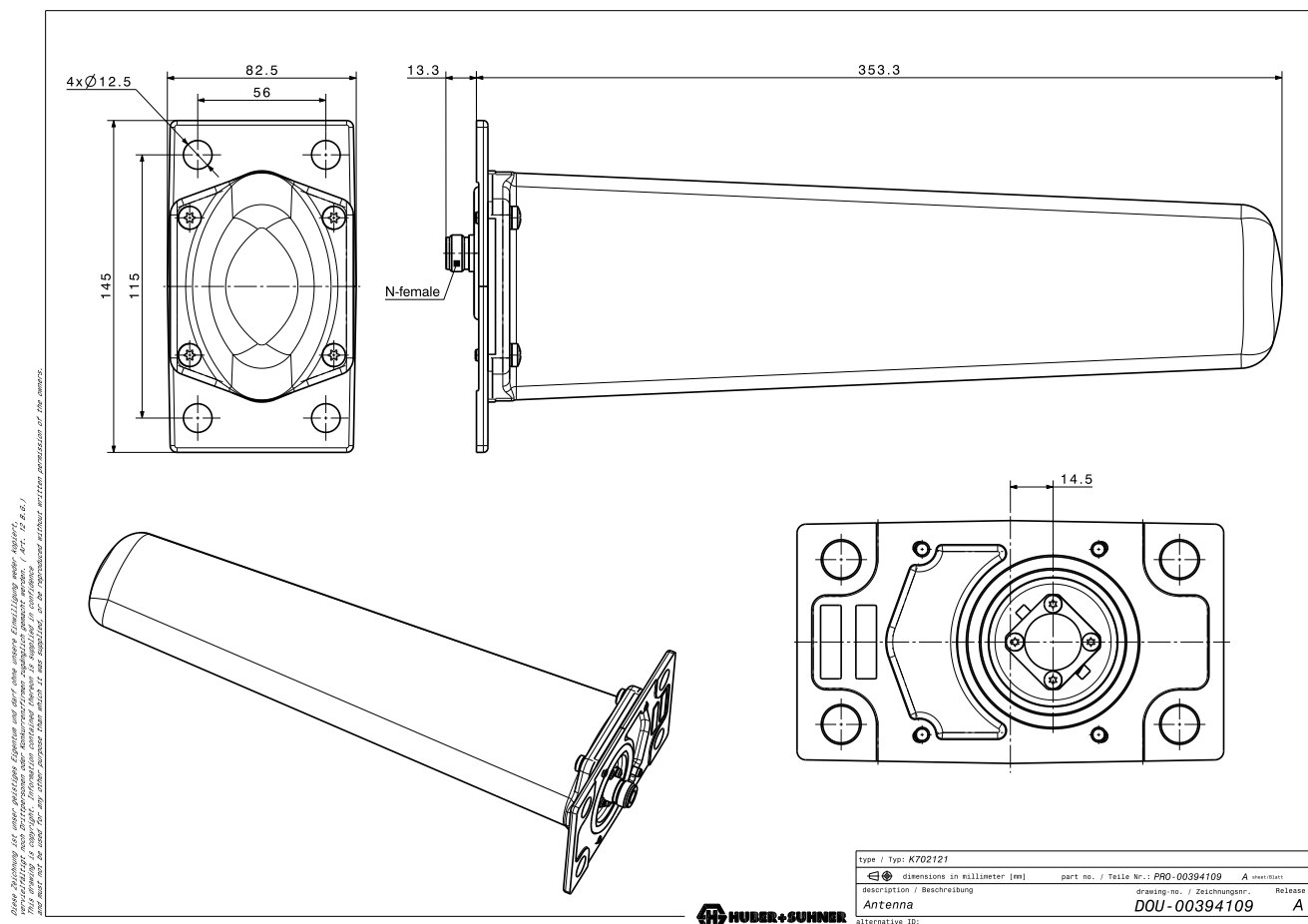
Environmental data	
Operation temperature	-40 °C ... 85°C
Storage temperature	-40 °C ... 85°C
Environment (application)	Outdoor
Ingress protection (IP Rating)	IP66
Flammability rating	EN 45545-2
Standards	Railway EN 50155
	Railway EN 45545
	Industrie EN 60068

Environmental remarks	
Environmental tests: EN 50155:2018-05 Flammability rating: EN 45545-2.	



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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.
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