

SENCITY® Rail Antenna

733707

Properties

- Supports the frequency range of 146 - 172 MHz
- Rugged design, meets EN 50155 Railway Standard
- Fire retardant acc. to EN 45545-2
- Contains a heavy-duty fiberglass radome



Electrical bands	
	Band 1
Name	2M Band
Frequency	146 MHz ... 172 MHz
Impedance	50 Ω
VSWR	2
Ambient Temperature	25 °C

Electrical remarks	
Remarks	Indicated VSWR values are valid for a metallic ground plane of 2.0M x 1.3M or larger.

Ports	
	Port 1
Port name	2M Band
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections	
	Port 1
Port name	2M Band
Band 1	✓

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Mechanical data	
Weight	0.9 kg
Dimensions	355 mm x 145 mm x 80 mm (Height x Width x Depth)
Remarks	Packaging size (outside): 151 x 90 x 415 mm
	Flange: Aluminum. Radiator: Copper. All screws and nuts: Stainless steel. Sealing: Neoprene and EPDM.

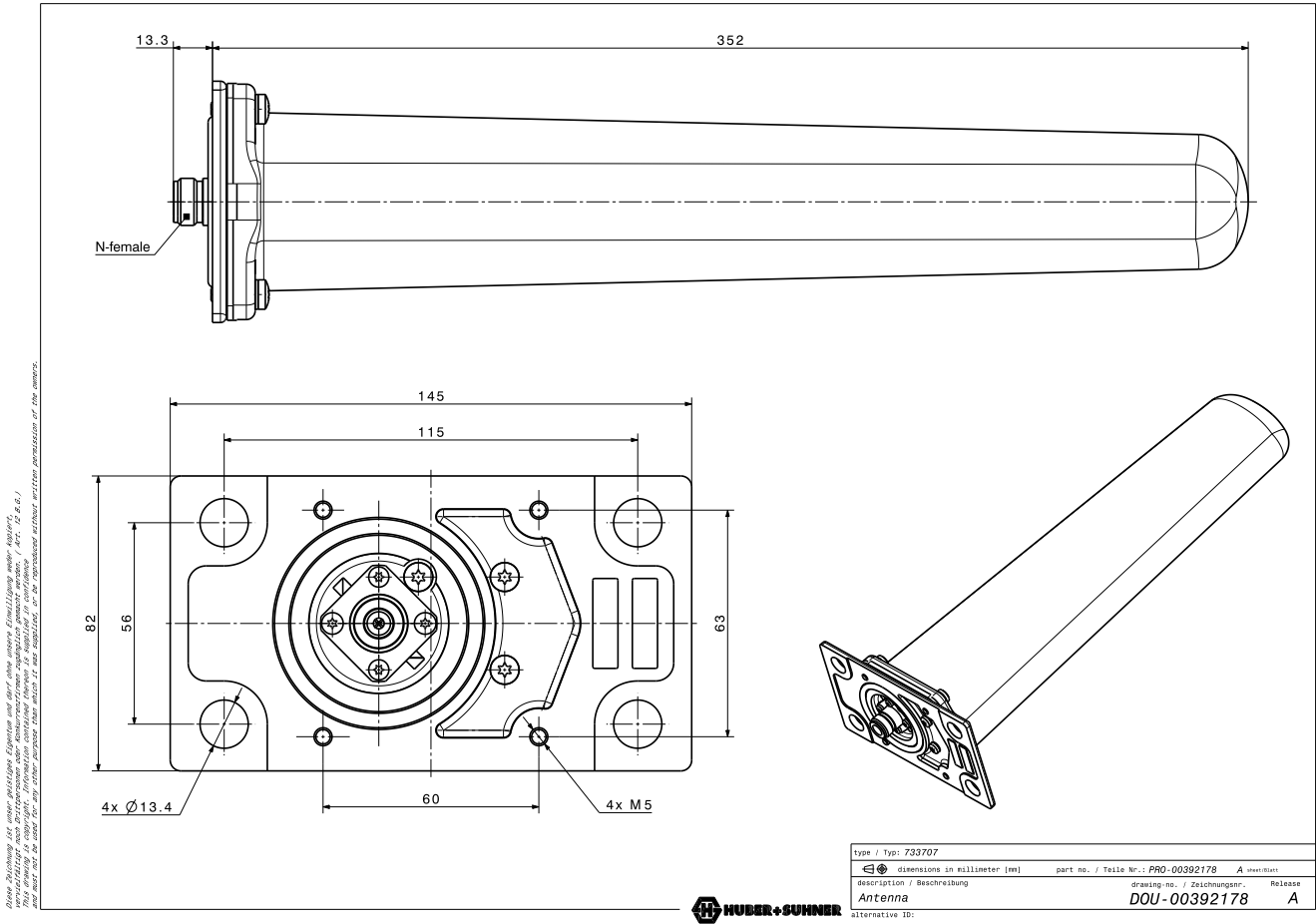
Interface and material data	
Radome material	Fiberglass
Radome colour	Grey
Back plate/base plate material	Aluminum
Back plate/base plate colour	Grey

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	Mated / IP66
Flammability rating	EN 45545-2

Environmental remarks	
Environmental tests: EN 50155:2018-05	

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Outline drawing



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