

SENCITY® Rail Antenna

727313

Properties

- Supports the frequency range of 87.5 - 108 MHz as a receive-only antenna
- Rugged design, meets EN 50155 Railway Standard
- Fire retardant acc. to EN 45545-2
- Contains a heavy-duty fiberglass radome



Electrical data	
	Band 1
Name	4M band
Frequency	87.5 MHz ... 108 MHz
Impedance	50 Ω
Ambient Temperature	25 °C

Ports	
	Port 1
Port name	4M band
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

Connections	
	Port 1
Port name	4M band
Band 1	✓

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

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Material data

Radome material	Fiberglass
Radome colour	Grey
Back plate/base plate material	Aluminium
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

Ordering information

Item description	Item number	Product name
727313	84460301	SENCITY® Rail Antenna

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