

**SENCITY® SC Special Purpose, 410-470 MHz**

K813132

**Properties**

- Vehicle Antenna
- for frequency range from 410 to 470 MHz
- Gain 0 dB (ref. to the quarter-wave antenna)
- Vertical polarisation
- Low profile antenna in fiberglass radome



Electrical data	
	Band 1
Name	Tetra
Frequency	410 MHz ... 470 MHz
Impedance	50 Ω
VSWR	1.5
Ambient Temperature	50 °C
Composite Power max	170 W

Electrical remarks	
Remarks	Requires mounting on a conductive surface with a minimum size of 50 x 50 cm   19.7 x 19.7 inches by means of existing M10 studs.

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

Connections	
	Port 1
Port name	Tetra
Band 1	✓

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Mechanical data	
Weight	0.5 kg
Dimensions	142 mm x 145 mm x 80 mm (Height x Width x Depth)
	Packaging size (outside): 151 x 87 x 210 mm
Remarks	Radiator and Flange: Aluminum. Sealing: Neoprene and rubber. Note: Don't use detergents that might harm the sealing. This antenna, tested by an independent institute, is DC grounded to protect against lightning and high-tension lines. Note: Keep mounting surface clear of paint for electrical contact.

Material data	
Radome material	Fiberglass
Radome colour	Grey
Back plate/base plate material	Aluminium
Back plate/base plate colour	Black

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-55 °C ... 85 °C
Environment (application)	Outdoor
Ingress protection (IP Rating)	Mated / IP66
Flammability rating	UL 94-HB

Environmental remarks	
Environmental tests: EN 50155:2007	
Flammability rating: DIN 5510-2, UL94 HB	

Ordering information	
Item number	Item description
84468534	K813132

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