

SENCITY® SC Special Purpose 406-428 MHz

K8134322

Properties

- Vehicle Antenna
- for frequency range from 406 to 428 MHz
- Special Communication Antenna for Bus and Tram
- Gain dB 0 (ref. to the quarter-wave antenna)



Electrical data			
	Band 1	Band 2	Band 3
Name	Tetra	Tetra	Tetra
Frequency	406 MHz ... 410 MHz	410 MHz ... 425 MHz	425 MHz ... 428 MHz
Impedance	50 Ω	50 Ω	50 Ω
VSWR	1.9	1.7	1.9
Ambient Temperature	50 °C	50 °C	50 °C
Composite Power max	50 W	50 W	50 W

Electrical remarks

Remarks	Requires mounting on a conductive surface 70 x 70 cm / 27.6 x 27.6 inches minimum.
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Ports

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

Connections

	Port 1
Port name	Tetra
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. Radome: High impact plastic. All metal parts of this antenna are DC grounded. Extreme robust and car-wash proof vehicular antenna.

Material data	
Radome colour	Grey
Back plate/base plate material	Aluminum
Back plate/base plate colour	Black

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-55 °C ... 85 °C
Environment (application)	Outdoor

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.	

Ordering information	
Item number	Item description
84468539	K8134322

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