

SENCITY® SC LogPer

91121402

Properties

- Logarithmic-periodic Antenna
- Frequency Range 380-520 MHz
- Vertical Polarization
- Half-power Beam Width 87°
- Gain 9dBi

**Electrical data**

	Band 1	Band 2	Band 3
Frequency	380 MHz ... 410 MHz	410 MHz ... 470 MHz	470 MHz ... 520 MHz
Impedance	50 Ω	50 Ω	50 Ω
VSWR	1.5	1.5	1.5
Gain	9.2 dBi	9 dBi	8.7 dBi
HPBW vertical	61 °	60 °	59 °
HPBW horizontal	80 °	85 °	88 °
Ambient Temperature	50 °C	50 °C	50 °C
Composite Power max	500 W	500 W	500 W

Ports

	Port 1
Connector	7/16, jack (female)
Polarization	vertical
DC grounded	Yes

Connections

	Port 1
Band 1	✓
Band 3	✓
Band 5	✓

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Mechanical data

Weight	6 kg
Dimensions	785 mm x 400 mm x 400 mm (Height x Width x Depth) Windload frontal: 54 N at 150 km/h, lateral: 150 N at 150 km/h , Wind speed survival: 180 km/h
	Packing size (mm): 915x485x485 Connector position Rearside, pointing downwards
	Scope of supply: Antenna with weather protective casing for straight connectors.
Remarks	Attachment: To tubular masts of 50-380 mm diameter depending on the separate available clamps. Ice protection: Due to the very sturdy antenna construction and the protection of the radiating system by the radome, the antenna remains operational even under icy conditions. Grounding: All metal parts of the antenna including the mounting kit and the inner conductor are DC grounded.

Material data

Radome material	Glass Reinforced Plastic (GRP)
Radome colour	White

Environmental data

Environment (application)	Outdoor
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Ordering information

Item number	Item description
84467223	91121402

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