Data Sheet

Sencity Special Communication Antenna 91121402

Description

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

Product Configuration

Technical Data

Electrical Data Band 1 Band 2 Band 3 380 - 410 Frequency (MHz) 410 - 470 470 - 520 VSWR 1.5 1.5 1.5 50 Impedance (Ohm) 50 50 Gain (dBi) 9.2 9 8.7 3dB beamwidth (h) (°) 80 85 88 59 3dB beamwidth (v) (°) 61 60 Composite power max (W) 500 500 500 50 Ambient temperature (°C) 50 50

Ports

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

Connections

	Band 1	Band 2	Band 3
Port 1	Х	Х	X

General Data

Mechanical Data

Dimensions (mm)	785 x 400 x 400 (Heigth x Width x Depth)
Weight (kg)	6
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

Environmental Data

Environmental conditions 2011/65/EU (RoHS - including 2015/863 and 2017/2102) WEEE 2012/19/EU REACH 1907/2006/EC

outdoor compliant

no special marking needed compliant

Scope of supply:

Antenna with weather protective casing for straight connectors.



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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:

All screws and nuts: Stainless steel.

Material Data

Radome colour Radome material white Glass Reinforced Plastic (GRP)

Related Products

738546 Clamp 42-115mm 85010002 Clamp 110-220mm 85010003 Clamp 210-380mm Order separately.

Related Documents

Mounting instruction	DOC-0000871335
Security instruction	DOC-0000278984
Outline drawing	DOU-00398100

Additional Information





HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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