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

Ports

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

Connections

	Band 1	Band 2	Band 3
Port 1	Χ	Χ	X

General Data

Mechanical Data

Dimensions (mm) 785 x 400 x 400 (Heigth x Width x Depth)

Weight (kg)

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 outdoor 2011/65/EU (RoHS - including compliant

2015/863 and 2017/2102)
WEEE 2012/19/EU

no special marking needed

REACH 1907/2006/EC 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 white

Radome material Glass Reinforced Plastic (GRP)

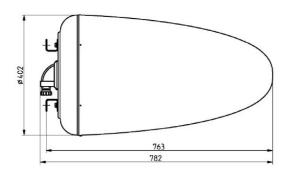
Related Products

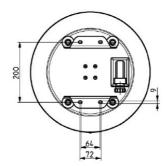
738546 Clamp 42-115mm 85010002 Clamp 110-220mm 85010003 Clamp 210-380mm Order separately.

Related Documents

Mounting instructionDOC-0000871335Security instructionDOC-0000278984Outline drawingDOU-00398100

Additional Information





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

www.hubersuhner.com

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