Data Sheet

HUBER+SUHNER

SENCITY OMNI-S Antenna
1399.17.0040

Description

Omni - directional broad-band WiFi antenna
Dual - band IEEE 802.11 a/b/g/h
Broad-band 2.4 to 6 GHz
WLAN, LTE 2.6, WiMax
For indoor application

Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2	Band 3
Frequency (MHz)	2400 - 2500	2500 - 4900	4900 - 6000
VSWR	1.6	1.5	1.5
Impedance (Ohm)	50	50	50
Gain (dBi)	4	4	7.5
3dB beamwidth (h) (°)	360	360	360
Composite power max (W)	160	120	120
Ambient temperature (°C)	25	25	25

Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	No

General Data

Mechanical Data

Dimensions (mm)	43 x 86 (Height x Diameter)
Weight (kg)	0.3
Windload	frontal: 10 N at 160 km/h , Wind speed survival: 160 km/h
Included mounting material	Wall and ceiling mounting material

Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	special marking needed
REACH 1907/2006/EC	compliant

Material Data

Radome colour	RAL 7035 (light-grey)
Radome material	ASA (acrylic ester-styrene-acrylonitrile)
Back plate/base plate material	Aluminium

Related Products

9091.99.0221 Omni Antenna Ceiling Bracket

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Related Documents

Mounting instruction	DOC-0000224458
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00060500.1
3D-model	DOC-0000334245

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.