

HUBER+SUHNER® DATA SHEET

Sencity® OMNI-S Antenna: 1356.17.0067

Rev.: R



SOA-5600/360/5/0/V

Description

Sencity® OMNI-S Omni-directional WiFi-Antenna
802.11 a/h
WLAN



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	5150 - 5875
VSWR	1.7
Gain	5 dBi
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	25
Vertical electrical tilt (°)	0

General Data

Nominal impedance	50 Ω
Polarisation	vertical
Connector	N, jack (female), bottom
Composite power max.	6 W at ambient temperature 25 °C

Mechanical Data

Dimensions (mm)	160 x 16 x (Height x Width x Depth)
Weight	0.3 kg
Windload	frontal: 7 N, lateral: 7 N at km/h
Mast diameter (mm)	38.1 - 76.2
Included mounting material	Wall and mast mounting bracket
Windspeed:	operational: 160 km/h, survival: 220 km/h

Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-45 to 70
Storage temperature (°C)	-45 to 70
Transport temperature (°C)	-45 to 70
IP rating	IP 67
Flammability rating	UL 94-HB
RoHS 2002/95/EC	compliant
ELV 2000/53/EC	compliant

Material Data

Radome colour	RAL 9002 (grey-white)
Radome material	PP

Related Documents

Mounting instruction	DOC-0000280386
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing 1	DOU-00099189
Outline drawing 2	DPR-00129897

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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