

# HUBER+SUHNER® DATA SHEET

## Sencity Antenna: 1356.17.0008



Rev.: W

SPA-5600/9/23/0/V

### Description

Linear polarised directional high-gain WiFi-Antenna  
IEEE 802.11 a/h  
Frequency-Band: 5.150GHz-5.350GHz and 5.470GHz-5.875GHz  
WLAN  
For outdoor application



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1	Band 2
Frequency (MHz)	5150 - 5350	5470 - 5875
VSWR	1.7	1.7
Gain (dBi)	23	23
3dB beamwidth (h) (°)	9	9
3dB beamwidth (v) (°)	9	9
Front to back ratio (dB)	30	30
Vertical electrical tilt (°)	0	0

#### General Data

Nominal impedance	50 Ω
DC grounded	Yes
Polarisation	vertical
Connector	N, jack (female), back
Composite power max.	6 W at ambient temperature 25 °C
Side lobe suppression: ETSI EN 302 085 Range 1 TS1-TS3	

#### Mechanical Data

Dimensions (mm)	305 x 305 x 25 (Height x Width x Depth)
Weight	1.5 kg
Windload	frontal: 264 N at 220 km/h
Mast diameter (mm)	25 - 76

#### 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
RoHS 2002/95/EC	compliant

#### Material Data

Radome colour	RAL 9002 (grey-white)
Back plate/base plate material	Aluminium

### Related Products

9091.99.0183 Down\_Sidetilt Bracket

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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### Related Documents

Mounting instruction	DOC-0000225623
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing1	DPR-00117278

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