

HUBER+SUHNER® DATA SHEET

Sensity® SPOT-S Antenna: 1356.17.0077



Rev.: V

SPA-5600/40/14/0/V_2

Description

Sensity® SPOT-S Linear polarised directional WiFi-Antenna
IEEE 802.11 a/h/p
Frequency-Band: 5.150GHz-5.975GHz
WLAN
For outdoor applications
Meets EN 50155 railway standard, fire retardant acc. to DIN 5510-2, BS 6853, NF F16-101/102, CEN/TS 45545
Railway approved acc. to EN50125-3 and prEN 45545-2



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (MHz)	5150 - 5975
VSWR	1.5
Gain	14 dBi
3dB beamwidth (h) (°)	40
3dB beamwidth (v) (°)	35
Front to back ratio	20 dB
Vertical electrical tilt (°)	0

General Data

Nominal impedance	50 Ω
Polarisation	vertical
Connector	N, jack (female), bottom
Composite power max.	10 W at ambient temperature 25 °C

Mechanical Data

Dimensions (mm)	101 x 80 x 35 (Height x Width x Depth)
Weight	0.11 kg
Windload	frontal: 15 N at 160 km/h
Included mounting material	Wall mounting material

Environmental Data

Environmental conditions	outdoor
Operation temperature (°C)	-40 to 80
Storage temperature (°C)	-40 to 80
Transport temperature (°C)	-40 to 80
Flammability rating	UL 94-V0
RoHS 2002/95/EC	compliant
IP Rating:	IP66 / IP67
Solar radiation	EN 50125-3:2004 §4.9, 1120 W/m ² for 20h
Air pressure	EN 50125-3:2004 §4.2, Altitude Class A1 (up to 1400m)
Air pulse pressure	EN 50125-3:2004 §4.2, 1kPa/s
Rain	EN 50125-3:2004 §4.6, delivery rate: 6mm/min
Vibration/Shock	EN 50125-3:2004 §4.13, position profile: "outside the track"
Pollution	EN 50125-3:2004 §4.11, pollution levels: 4B1, 4S1
Corrosion	MIL-F-14072 E Type 1 "exposed"

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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Material Data

Radome colour RAL 7044 (grey)
Radome material PC (Polycarbonate)

Related Products

9091.99.0225 Down_Sidetilt Bracket_SencitySpot-S indoor
9091.99.0238 Down_Sidetilt Bracket_SencitySpot-S outdoor

Related Documents

Mounting instruction DOC-0000287053
Painting instruction DOC-0000256180
Security instruction DOC-0000278984
Outline drawing1 DOU-00139088

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