

SENCITY® Spot-S Antenna

1357.17.0001

Properties

- Compact Industrial Wi-Fi 6E antenna
- Supports the bands from 5 GHz till 7.125 GHz
- Gain of 8 dBi with dual slant +/-45° polarisation
- Integrated N female interface



Electrical data		
	Band 1	Band 2
Frequency	5000 MHz ... 5500 MHz	5500 MHz ... 7125 MHz
Impedance	50 Ω	50 Ω
VSWR	2	2
Gain	8 dBi	8 dBi
HPBW vertical	65 °	65 °
HPBW horizontal	70 °	70 °
Isolation between Ports	20 dB	20 dB
Front to back ratio	15 dB	15 dB
Ambient Temperature	25 °C	25 °C
Composite Power max	30 W	30 W

Ports		
	Port 1	Port 2
Connector	N, jack (female), N, jack (female)	N, jack (female), N, jack (female)
Polarization	-45° slant	+45° slant
DC grounded	Yes	

Connections		
	Port 1	Port 2
Band 1	✓	✓
Band 2	✓	✓

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Mechanical data	
Weight	0.11 kg
Dimensions	101 mm x 81 mm x 36 mm (Height x Width x Depth)
Windload	front: 15 N at 160km/h, Wind Speed survival: 220 km/h

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

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Transport temperature	-40 °C ... 85 °C
Environment (application)	Indoor/Outdoor
Ingress protection (IP Rating)	IP67
Flammability rating	EN 45545-2

Environmental remarks	
FLAMMABILITY: EN 45545-2 (2013) HL3 and NFPA130 (2013), also BS 6853 and DIN 5510-2	
ENVIRONMENT: EN 50155 (2016) and EN 50125-3 (2003), also EN 60068 related	
SOLAR RADIATION: EN 50125-3:2004 §4.9, 1120 W/m² 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, 1 kPa/s	
RAIN: EN 50125-3:2004 §4.6, delivery rate: 6 mm/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"	
MECHANICAL IMPACT (HAMMER IMPACT): EN 60068-2-75 (IEC 62262/2002-02 IK06)	

Antenna accessories remarks	
Wall mounting material	

Ordering information		
Item description	Item number	Product name
1357.17.0001	85185019	SENCITY® Spot-S Antenna

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