

Sencity Spot-SR Antenna 1356.26.0013

Description

Compact directional indoor antenna for WiFi-2 / Wi-Fi 5 applications.
Designed for railway in-carriage use.
Supports the 5.15 to 5.875 GHz bands.
Rugged design, meets EN 50155 railway standard.
Fire retardant acc. to DIN 5510-2, BS 6853, EN 45545-2, NFPA130.



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2
Frequency (MHz)	5150 - 5250	5250 - 5875
VSWR	1.7	1.5
Impedance (Ohm)	50	50
Gain (dBi)	9.5	9.5
3dB beamwidth (h) (°)	60	60
3dB beamwidth (v) (°)	55	55
Composite power max (W)	30	30
Ambient temperature (°C)	25	25
Front to back ratio (dB)	18	18
Vertical electrical tilt (°)	0	0

Ports

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

Connections

	Band 1	Band 2
Port 1	X	X

General Data

Mechanical Data

Dimensions (mm)	101 x 80 x 20 (Height x Width x Depth)
Weight (kg)	0.13
Windload	frontal: 15 N at km/h , Wind speed survival: 160 km/h
Mast diameter (mm)	40 - 60
Included mounting material	Wall 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
Flammability rating	UL 94-V0
Solar radiation	DIN 75220
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

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Lead-free soldered	yes
WEEE 2012/19/EU	no special marking needed
REACH 1907/2006/EC	compliant

Tested acc. to EN 50155:2004 (Environmental tests). Radom material complies with UL-94-V-0.
Flammability rating DIN 5510-2, BS 6853, NF F16-101/102, EN 45545-2, NFPA130

Material Data

Radome colour	RAL 7035 (light-grey)
Radome material	PC (Polycarbonate)
Back plate/base plate colour	RAL 7035 (light-grey)

Related Documents

Mounting instruction	DOC-0000225664
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00089351.1
3D-model	DOC-0000362761