

## Sencity Spot-SR Antenna 1324.26.0049

### Description

Compact directional indoor antenna for Wi-Fi 1 / Wi-Fi 3 applications.  
Supports 2.3 to 2.5 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
Frequency (MHz)	2300 - 2500
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	8.5
3dB beamwidth (h) (°)	75
3dB beamwidth (v) (°)	60
Composite power max (W)	30
Ambient temperature (°C)	25
Front to back ratio (dB)	20
Vertical electrical tilt (°)	0

#### Ports

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

#### Connections

	Band 1
Port 1	X

#### General Data

#### Mechanical Data

Dimensions (mm) 101 x 95 x 32 (Height x Width x Depth)  
Weight (kg) 0.11

Mounting socket colour: RAL 7044 (grey)  
Mounting socket material: LEXAN EXL 9330

#### 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

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2011/65/EU (RoHS - including  
2015/863 and 2017/2102)  
WEEE 2012/19/EU  
REACH 1907/2006/EC

compliant  
no special marking needed  
compliant

Tested acc. to EN 50155:2007 (Environmental tests). Radom material complies with UL-94-V-0.  
Flammability rating DIN 5510-2, BS 6853, 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)
Back plate/base plate material	Aluminium

### Related Products

9091.99.0029 Pol Bracket  
9091.99.0080 Sidetilt Bracket

### Related Documents

Mounting instruction	DOC-0000197953
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00089264.1
3D-model	DOC-0000286867