

## Sencity® Omni-S Antenna 1356.17.0043

### Description

Small omni-directional indoor antenna for WiFi applications.  
Supports the 5 GHz band.  
Rugged design, meets EN 50155 railway standard.  
Fire retardant acc. to DIN 5510-2, BS 6853, EN 45545-2, NFPA130  
Single hole mounting.



### Product Configuration

### Technical Data

#### Electrical Data

	Band 1
Frequency (MHz)	4900 - 5935
VSWR	1.5
Impedance (Ohm)	50
Gain (dBi)	3
3dB beamwidth (h) (°)	360
3dB beamwidth (v) (°)	25
Composite power max (W)	300
Ambient temperature (°C)	25
Vertical electrical tilt (°)	20

#### Ports

	Port 1
Connector	N, jack (female)
Polarization	vertical
DC grounded	Yes

#### General Data

#### Mechanical Data

Dimensions (mm)	43 x 86 (Height x Diameter)
Weight (kg)	0.3
Included mounting material	Wall mounting material

Single hole mounting. Provides also break-through mounting holes.

#### 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	DIN 5510
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant
WEEE 2012/19/EU	no special marking needed
REACH 1907/2006/EC	compliant

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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 9010 (white)
Radome material	PC (Polycarbonate)
Back plate/base plate material	Aluminium

### Related Products

9091.99.0221 Omni Antenna Ceiling Bracket

### Related Documents

Mounting instruction	DOC-0000247533
Painting instruction	DOC-0000256180
Security instruction	DOC-0000278984
Outline drawing	DOU-00094725
3D-model	DOC-0000362773