Data Sheet



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 compliant 2015/863 and 2017/2102)

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

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