

## Antenna - RAD-ISM-2400-ANT-VAN- 3-0-SMA - 2885867

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Omnidirectional antenna with protection against vandalism, 2.4 GHz, gain: 3 dBi, polarization: linear, opening angle: h/v 360°/85°, degree of protection: IP55, connection: SMA (male), for control cabinet mounting (optional wall mounting), incl. 1.5 m / 5 ft. connecting cable

### Your advantages

- ✓ Impact-resistant housing
- ✓ For freely mobile applications
- ✓ For multipoint or mesh connections

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 126120
GTIN	4046356126120

### Technical data

#### Dimensions

Width	86 mm
Height	43 mm
Fixed cable length	1.50 m
External cable diameter	3.20 mm

#### Ambient conditions

Degree of protection	IP55
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

#### General

With connecting cable	yes
Frequency range	2.4 GHz
	2.4 GHz

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## Technical data

### General

Horizontal beamwidth	360 °
Vertical beamwidth	85 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	3 dBi
Wind velocity	160 km/h (Has a force of 10 N)
Connection method	SMA (male)
Fixed cable length	1.50 m
Smallest bending radius, fixed installation	12.5 mm
Cable, attenuation	2 dB
Material	ASA (Antenna housing)
Mounting type	Control cabinet
Assembly instructions	Optional wall mounting
External cable diameter	3.20 mm
Outer sheath, material	RADOX®(LSFH)

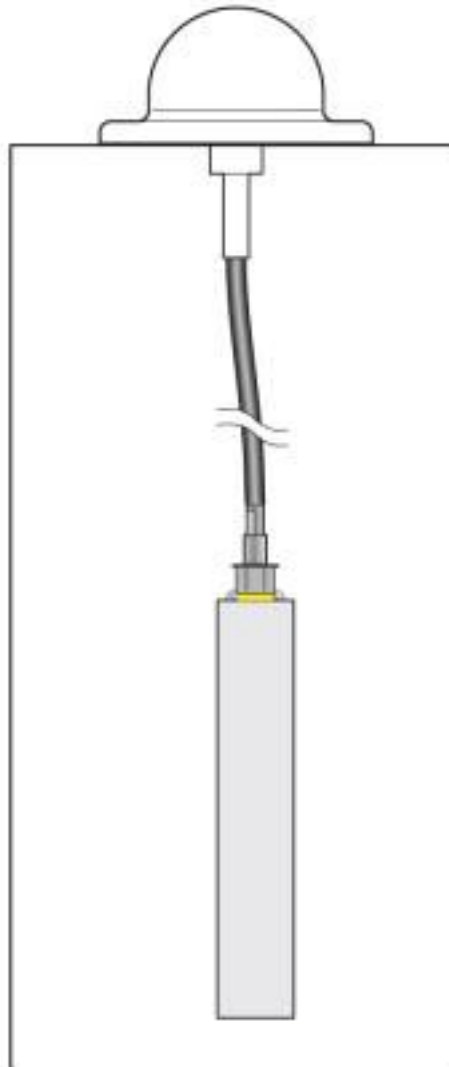
### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

# Antenna - RAD-ISM-2400-ANT-VAN- 3-0-SMA - 2885867

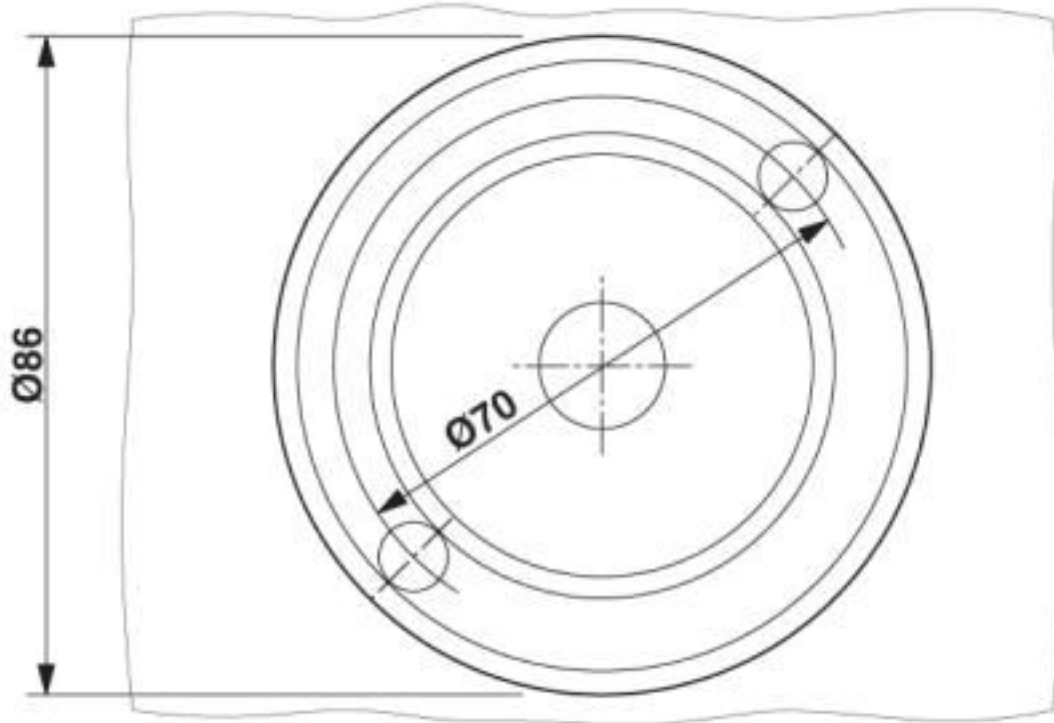
Schematic diagram



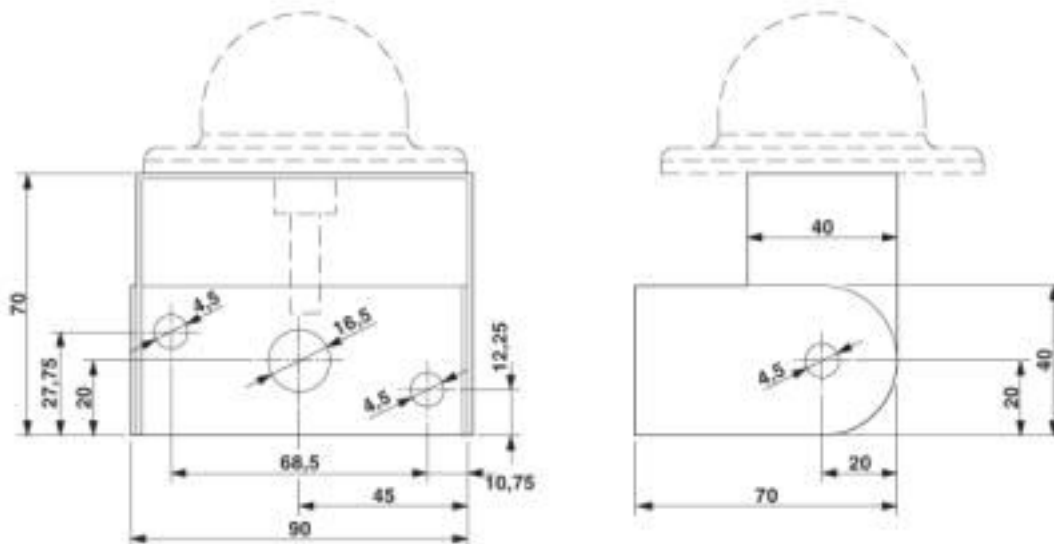
Installation example

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Drilling diagram



Dimensional drawing



## Classifications

eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312

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## Classifications

### eCl@ss

eCl@ss 5.0	19070102
eCl@ss 5.1	19070100
eCl@ss 6.0	19070100
eCl@ss 7.0	19070105
eCl@ss 8.0	19070105
eCl@ss 9.0	19070105

### ETIM

ETIM 2.0	EC000416
ETIM 3.0	EC001698
ETIM 4.0	EC001698
ETIM 5.0	EC001698
ETIM 6.0	EC001698
ETIM 7.0	EC001698

### UNSPSC

UNSPSC 6.01	43171611
UNSPSC 7.0901	43221706
UNSPSC 11	43171611
UNSPSC 12.01	43221706
UNSPSC 13.2	43221715
UNSPSC 19.0	43221715

## Accessories

### Accessories

#### Mounting material

Mounting material - RAD-ANT-VAN-MKT - 2885870



Mounting material for wall mounting of omnidirectional antenna with protection against vandals

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