

# Antenna - RAD-2400-ANT-OMNI-6-0-SW - 2903219

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Omnidirectional antenna, 2.4 GHz, gain: 6 dBi, polarization: linear, opening angle: h/v 360°/20°, degree of protection: IP67, seawater-resistant, connection: N (female), incl. mounting bracket and mast clips

## Your advantages

- For use in potentially explosive areas
- Salt water resistant
- For freely mobile applications
- For multipoint or mesh connections

## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 726047
GTIN	4046356726047

## Technical data

### Dimensions

Height	330 mm
Diameter	20 mm

### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

### General

With connecting cable	No
Frequency range	2.4 GHz
	2.4 GHz ... 2.5 GHz
Horizontal beamwidth	360 °

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### Technical data

#### General

Vertical beamwidth	20 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	6 dBi
Connection method	N (female)
Material	Fiberglass-reinforced plastic (Antenna housing)
	Fiberglass-reinforced plastic (Bracket)
	V2A (U-shaped screw)
Mounting type	Mast mounting or wall mounting
External diameter	30 mm ... 45 mm (Mast)

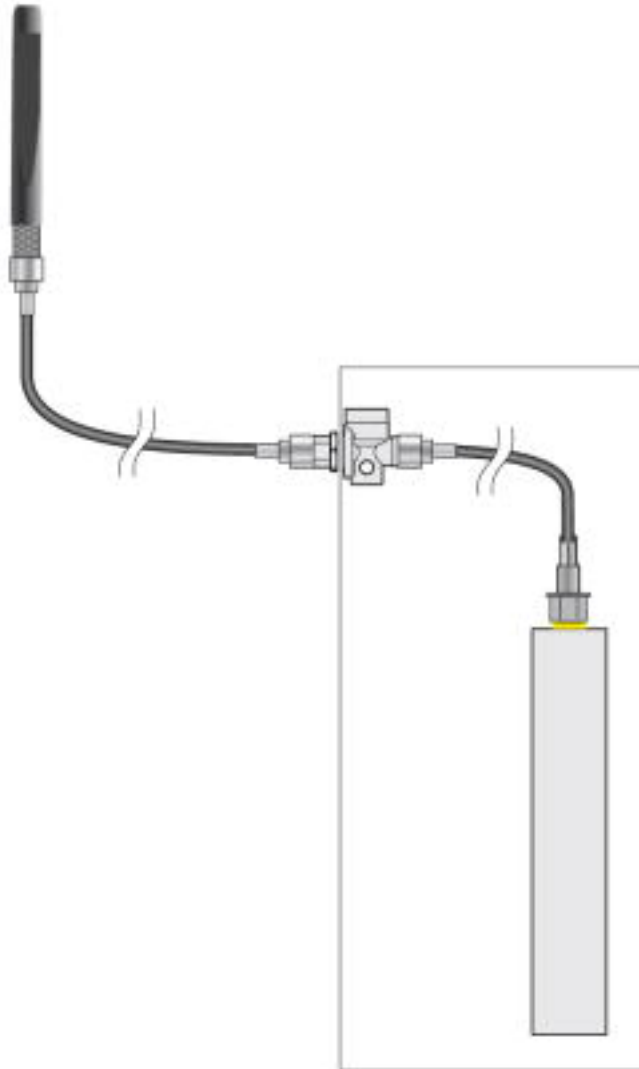
#### Environmental Product Compliance

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

### Drawings

## Antenna - RAD-2400-ANT-OMNI-6-0-SW - 2903219

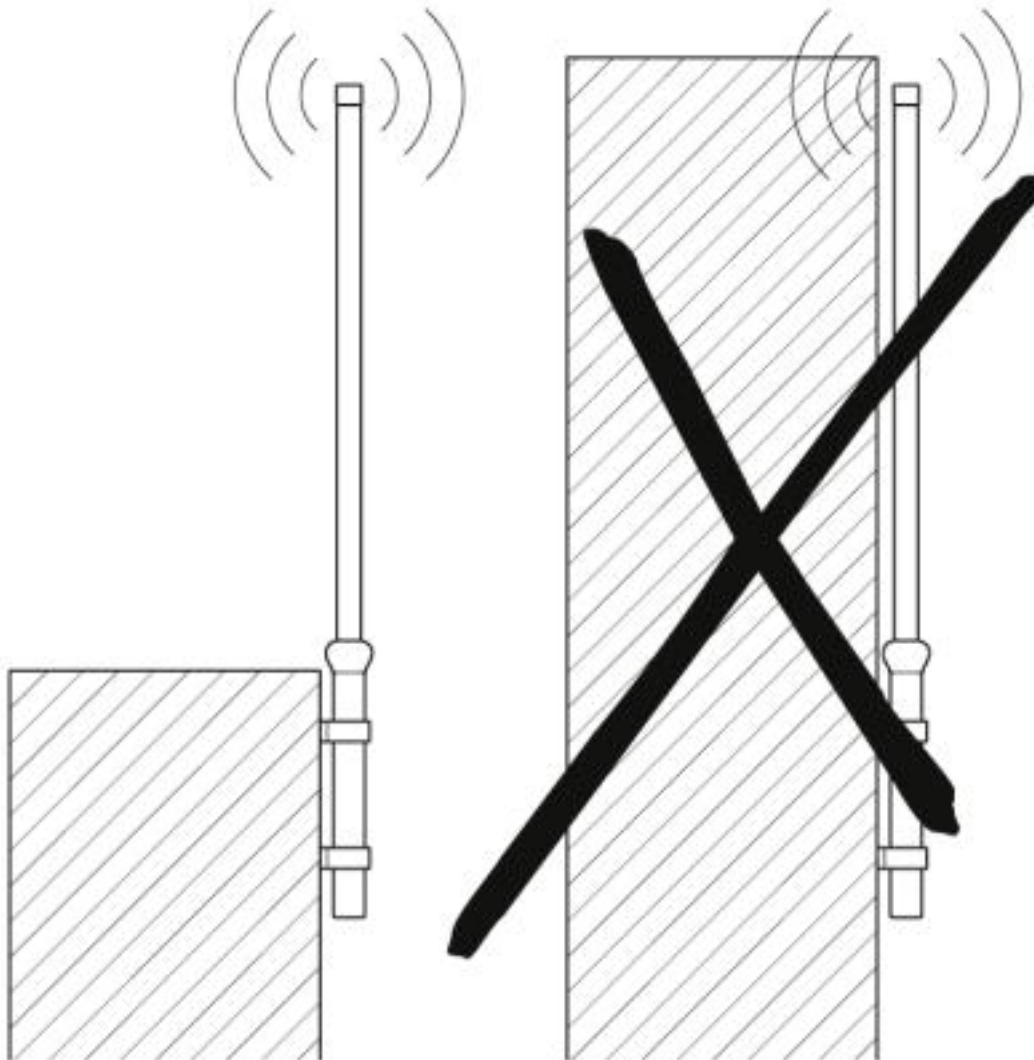
Schematic diagram



Installation example

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Schematic diagram



Wall mounting

## Classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	19070105
eCl@ss 8.0	19070105
eCl@ss 9.0	19070105

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### Classifications

#### ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC000416
ETIM 5.0	EC001698
ETIM 6.0	EC001698

#### UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	43221715
UNSPSC 19.0	43221715

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