

Antenna - RAD-ISM-900-ANT-OMNI-FG-3-N - 2867791

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Omnidirectional antenna, 900 MHz, gain: 5 dBi, polarization: linear, opening angle: h/v 360°/28°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips




Your advantages

- For freely mobile applications
- For multipoint or mesh connections



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 976705 |
| GTIN | 4017918976705 |

Technical data

Dimensions

| | |
|--------|-----------|
| Width | 2.38 in. |
| Height | 44.25 in. |

Ambient conditions

| | |
|---------------------------------|------------------|
| Degree of protection | IP65 |
| Ambient temperature (operation) | -40 °C ... 80 °C |

General

| | |
|-----------------------|---------------------|
| With connecting cable | No |
| Frequency range | 902 - 928 MHz |
| | 902 MHz ... 928 MHz |
| Horizontal beamwidth | 360 ° |
| Vertical beamwidth | 28 ° |
| Polarization | Linear vertical |
| Impedance | 50 Ω |

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Technical data

General

| | |
|-------------------|---|
| Gain | 5.15 dBi |
| Wind velocity | 200 km/h |
| Connection method | N (female) |
| Material | Fiberglass-reinforced plastic (Antenna housing) |
| | V2A (Bracket) |
| | V2A (U-shaped screw) |
| Mounting type | Mast mounting |
| External diameter | 38 mm ... 60 mm (Mast) |

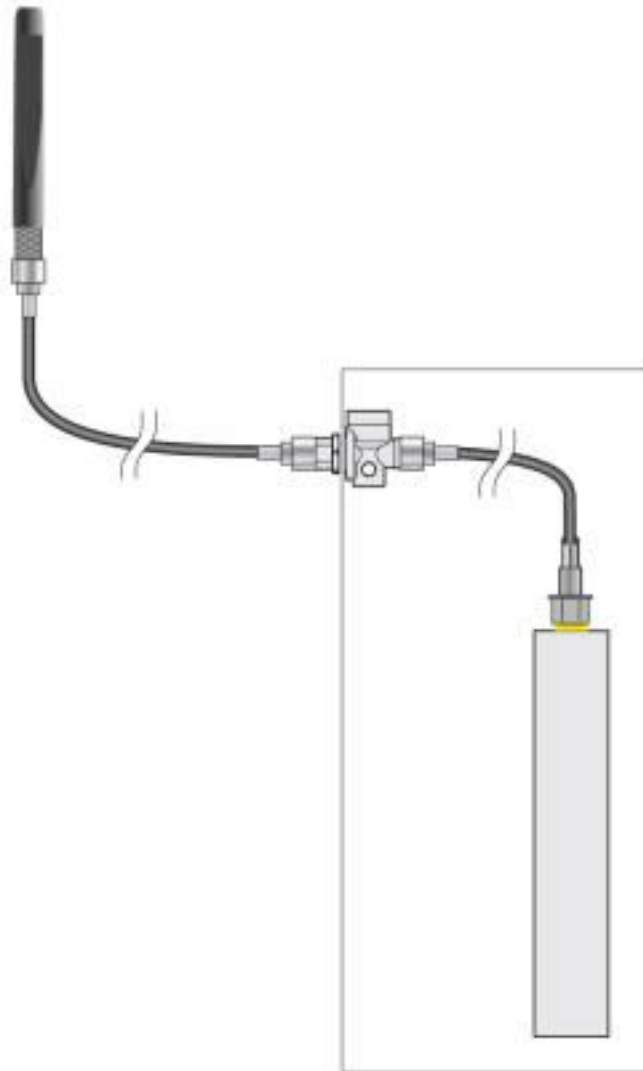
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
| | No hazardous substances above threshold values |

Drawings

Antenna - RAD-ISM-900-ANT-OMNI-FG-3-N - 2867791

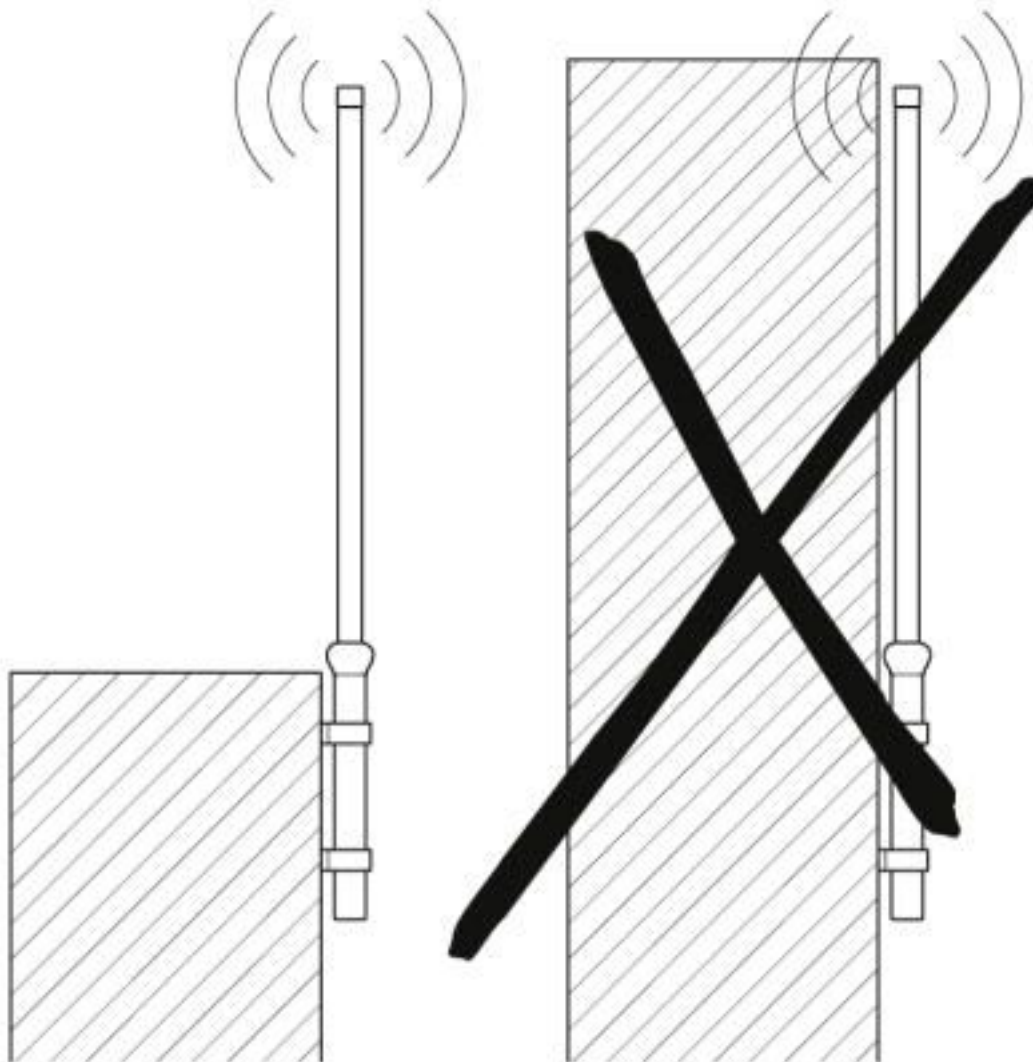
Schematic diagram



Installation example

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Schematic diagram



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 19070105 |
| eCl@ss 4.0 | 27250300 |
| eCl@ss 4.1 | 27250300 |
| eCl@ss 5.0 | 19070100 |
| 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 |

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Classifications

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 18.0 | 43221715 |
| UNSPSC 19.0 | 43221715 |
| UNSPSC 20.0 | 43221715 |
| UNSPSC 21.0 | 43221715 |

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