

Antenna - ANT-OMNI-5900-01 - 2701347

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Omnidirectional antenna, 5 GHz, gain: 5 dBi, polarization: linear, opening angle: h/v 360°/25°, degree of protection: IP64, connection: N (female), incl. mounting bracket and mast clips




Your advantages

- For medium distances
- For freely mobile applications
- For multipoint or mesh connections

RoHS

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 739399 |
| GTIN | 4046356739399 |

Technical data

Dimensions

| | |
|--------|--------|
| Width | 16 mm |
| Height | 130 mm |

Ambient conditions

| | |
|---|------------------|
| Degree of protection | IP64 |
| Ambient temperature (operation) | -45 °C ... 70 °C |
| Ambient temperature (storage/transport) | -45 °C ... 70 °C |

General

| | |
|-----------------------|------------------------|
| With connecting cable | No |
| Frequency range | 5 GHz |
| | 5.15 GHz ... 5.875 GHz |
| Horizontal beamwidth | 360 ° |
| Vertical beamwidth | 25 ° |

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Technical data

General

| | |
|-------------------|---|
| Polarization | Linear vertical |
| Impedance | 50 Ω |
| Gain | 5 dBi |
| Connection method | N (female) |
| Material | Fiberglass-reinforced plastic (Antenna housing) |
| | V2A (Bracket) |
| | V2A (Mast clamp) |
| Mounting type | Mast mounting or wall mounting |
| External diameter | 44 mm ... 95 mm (Mast) |

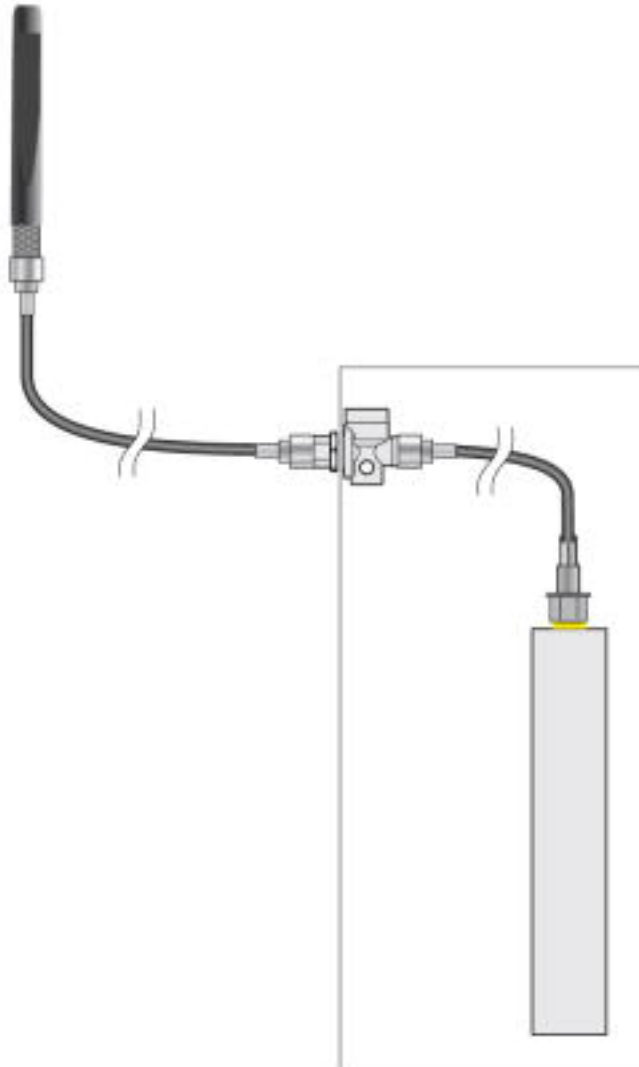
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 25; |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

Antenna - ANT-OMNI-5900-01 - 2701347

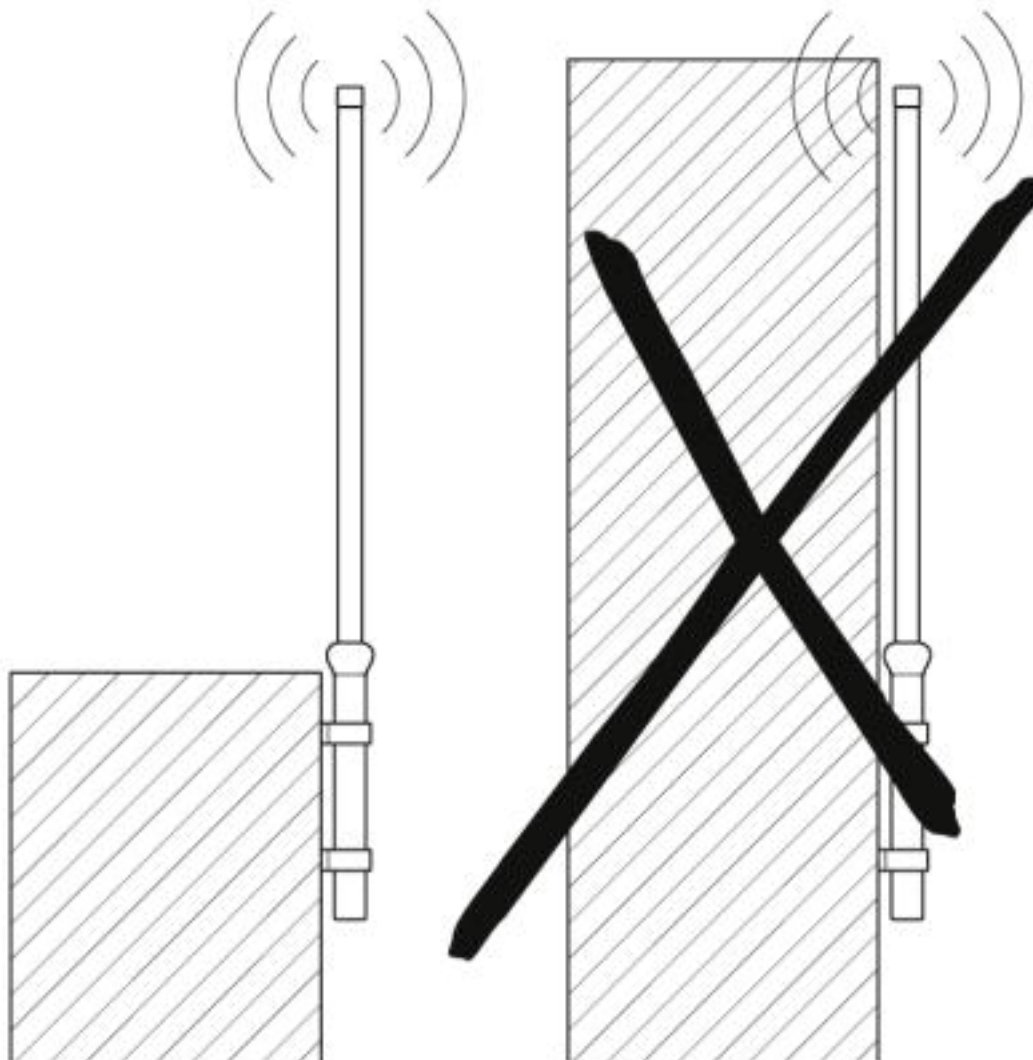
Schematic diagram



Installation example

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Schematic diagram



Mounting

Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 19070105 |
| eCl@ss 4.0 | 27240400 |
| eCl@ss 4.1 | 27240400 |
| eCl@ss 5.0 | 27242700 |
| eCl@ss 5.1 | 27242700 |
| eCl@ss 6.0 | 27242200 |
| eCl@ss 7.0 | 19070105 |
| eCl@ss 8.0 | 19070105 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 9.0 | 19070105 |
|------------|----------|

ETIM

| | |
|----------|----------|
| ETIM 3.0 | EC001423 |
| ETIM 4.0 | EC000416 |
| ETIM 5.0 | EC001698 |
| ETIM 6.0 | EC001698 |
| ETIM 7.0 | EC001698 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 20142601 |
| UNSPSC 7.0901 | 20142601 |
| UNSPSC 11 | 20142601 |
| UNSPSC 12.01 | 20142601 |
| UNSPSC 13.2 | 43221715 |
| UNSPSC 18.0 | 43221715 |
| UNSPSC 19.0 | 43221715 |
| UNSPSC 20.0 | 43221715 |
| UNSPSC 21.0 | 43221715 |

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