

# 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

## 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 °

## Antenna - ANT-OMNI-5900-01 - 2701347

### Technical data

#### General

Polarization	Linear vertical
Impedance	50 $\Omega$
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)

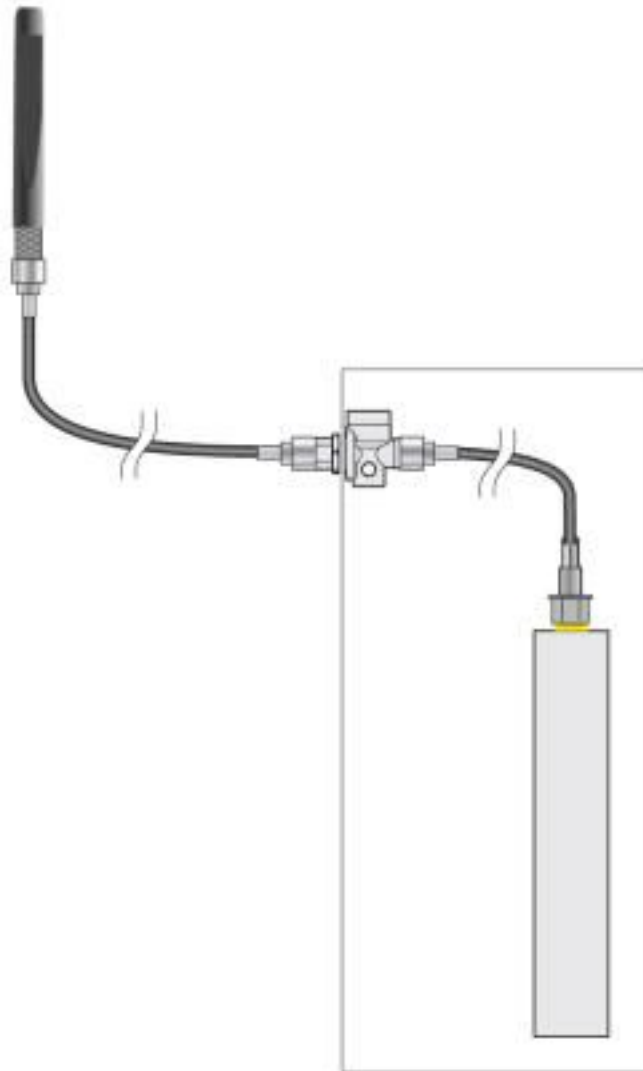
#### Environmental Product Compliance

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

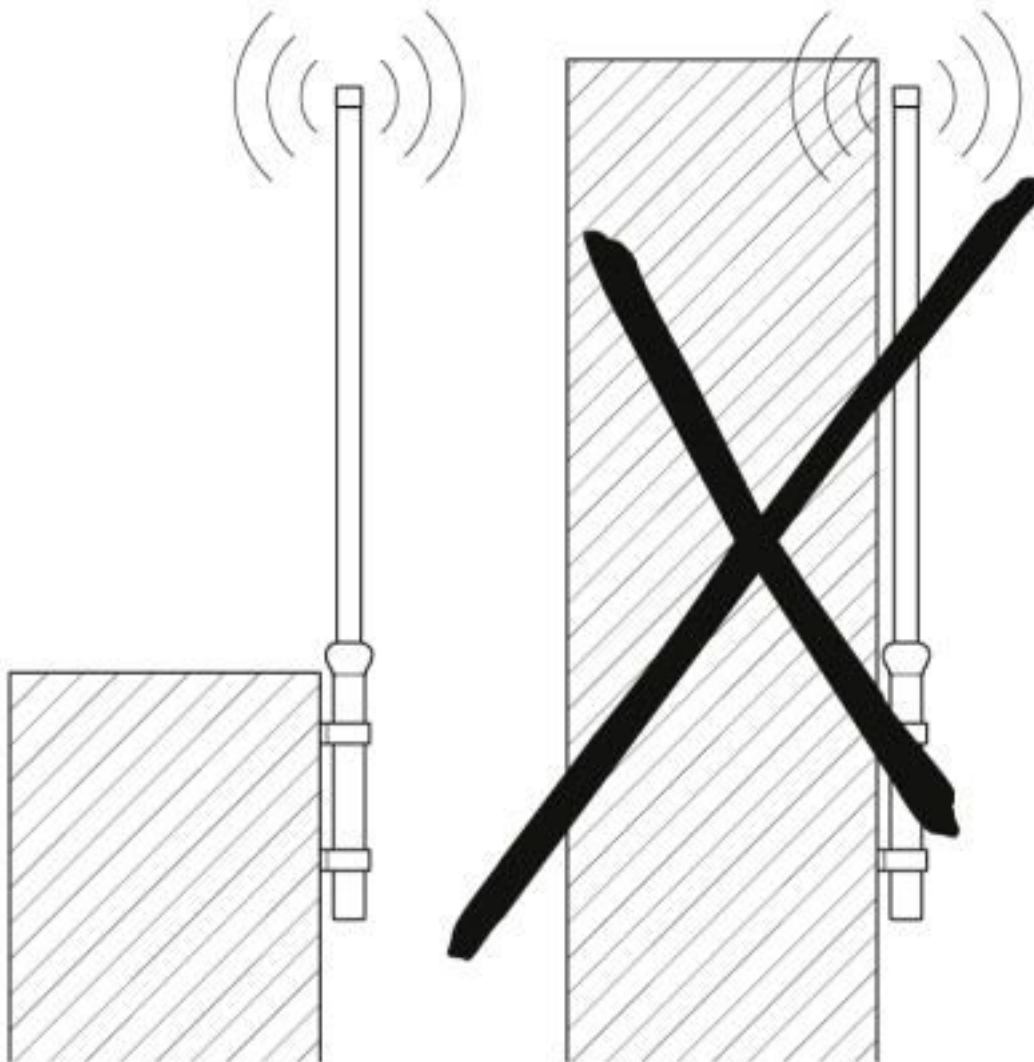
Schematic diagram



Installation example

# Antenna - ANT-OMNI-5900-01 - 2701347

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
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### 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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