

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
Weight per Piece (excluding packing)	280.000 g
Custom tariff number	85177000
Country of origin	Poland

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

Antenna - ANT-OMNI-5900-01 - 2701347

Technical data

General

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

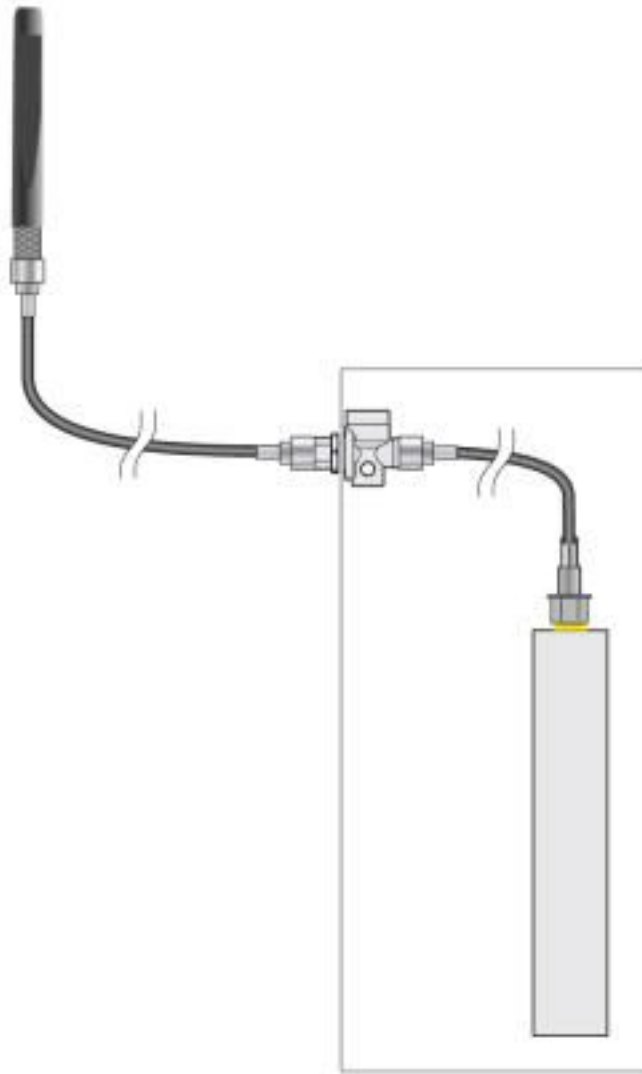
Environmental Product Compliance

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

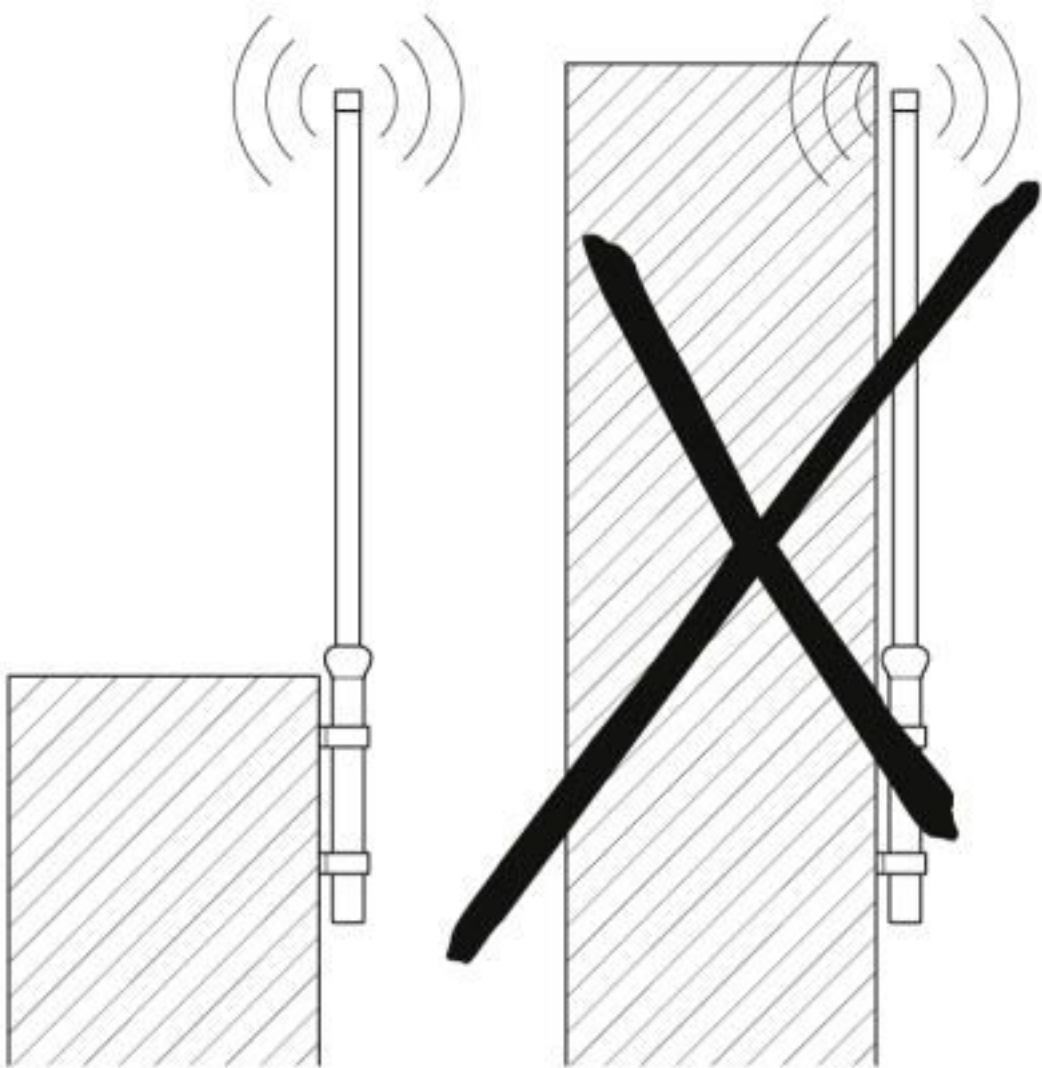
Schematic diagram



Installation example

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

Antenna - ANT-OMNI-5900-01 - 2701347

Classifications

eCl@ss

eCl@ss 6.0	27242200
eCl@ss 7.0	19070105
eCl@ss 8.0	19070105
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