

Antenna - ANT-OMNI-5900-01 - 2701347

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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	5.15 GHz ... 5.83 GHz
Horizontal beamwidth	360 °
Vertical beamwidth	25 °
Polarization	Linear vertical

Antenna - ANT-OMNI-5900-01 - 2701347

Technical data

General

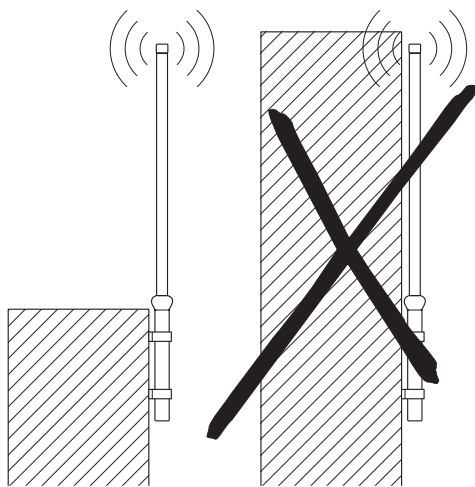
Impedance	50 Ω
Gain	5 dBi
Connection method	N (female)
Material	Fiberglass-reinforced plastic (Antenna housing)
	V2A (Bracket)
	V2A (Mast clamp)
Mounting type	Wall mounting
	Mast mounting
Outside diameter	44 mm ... 95 mm (Mast)

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

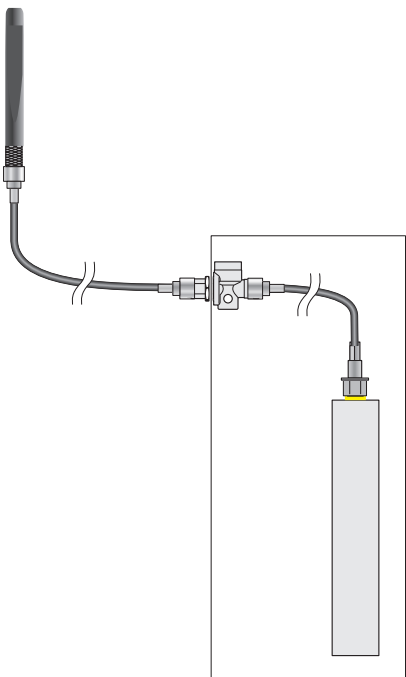
Drawings

Schematic diagram



Mounting

Schematic diagram



Installation example

Antenna - ANT-OMNI-5900-01 - 2701347

Classifications

eCl@ss

eCl@ss 10.0.1	19070105
eCl@ss 11.0	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 9.0	19070105

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC000416
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	43223100

Phoenix Contact 2022 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

单击下面可查看定价，库存，交付和生命周期等信息

[>>Phoenix Contact\(菲尼克斯\)](#)