

RAD-2400-ANT-OMNI-6-0-SW - Antenna



2903219

<https://www.phoenixcontact.com/us/products/2903219>

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 documentation. Our general terms of use for downloads are valid.



Omnidirectional antenna, 2.4 GHz, gain: 6 dBi, polarization: linear, opening angle: h/v 360°/20°, degree of protection: IP67, seawater-resistant, connection: N (female), incl. mounting bracket and mast clips

Your advantages

- For use in potentially explosive areas
- Salt water resistant
- For freely mobile applications
- For multipoint or mesh connections

Commercial data

Item number	2903219
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2Z1
GTIN	4046356726047
Weight per piece (including packing)	330.4 g
Weight per piece (excluding packing)	150 g
Customs tariff number	85177000
Country of origin	TW

2903219

<https://www.phoenixcontact.com/us/products/2903219>

Technical data

Product properties

Product type	Antenna
Gain	6 dBi
Vertical beamwidth	20 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	2.4 GHz
Frequency range	2.4 GHz ... 2.5 GHz
Impedance	50 Ω
Maximum capacity	15.00 W
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 1.80

Connection data

Connection technology

Connection method	N (female)
Outside diameter	30 mm ... 45 mm (Mast)

Dimensions

Height	330 mm
Diameter	20 mm

External dimensions

Outside diameter	30 mm ... 45 mm (Mast)
------------------	------------------------

Material specifications

Material	Fiberglass-reinforced plastic
	Fiberglass-reinforced plastic
	V2A

Cable/line

Connecting cable	no
------------------	----

Environmental and real-life conditions

Ambient conditions

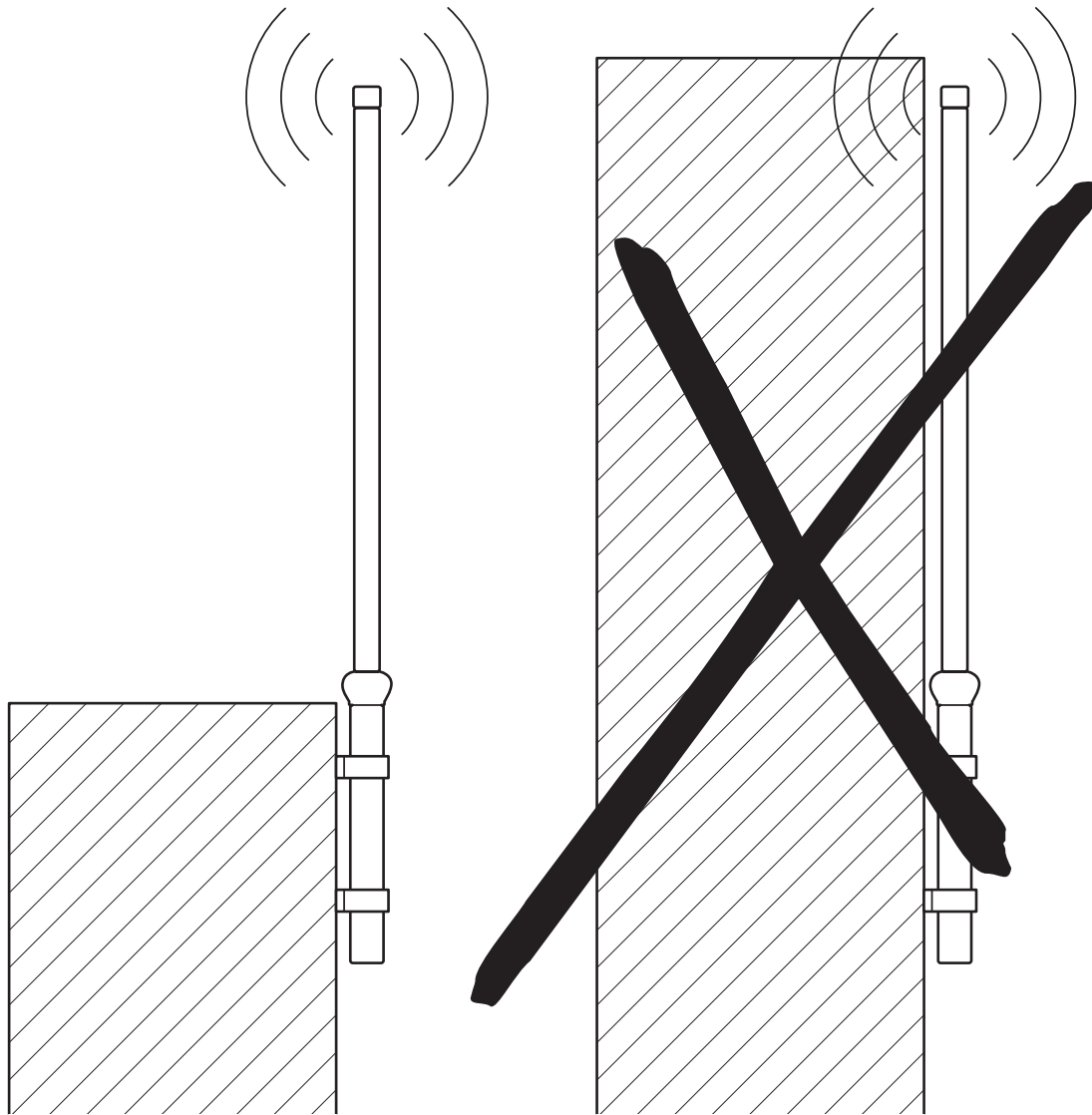
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

Mounting

Mounting type	Mast mounting or panel mounting
---------------	---------------------------------

Drawings

Schematic diagram



Panel mounting

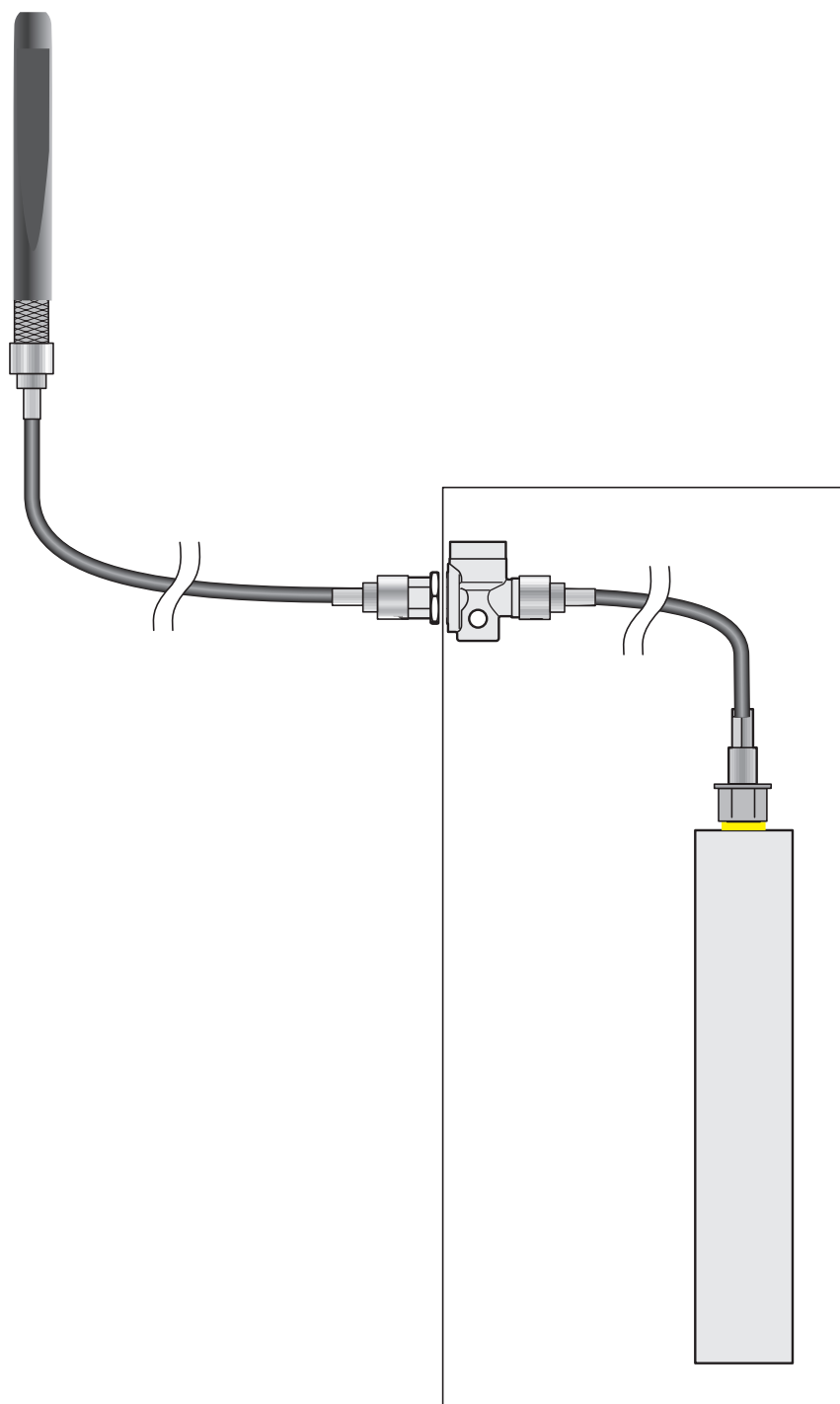
RAD-2400-ANT-OMNI-6-0-SW - Antenna



2903219

<https://www.phoenixcontact.com/us/products/2903219>

Schematic diagram



Installation example

2903219

<https://www.phoenixcontact.com/us/products/2903219>

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-25 An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
--	--

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com