RAD-900-ANT-OMNI-2-2-RSMA - Antenna

2904801

https://www.phoenixcontact.com/us/products/2904801

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Omnidirectional antenna, 900 MHz, gain: 2 dBi, polarization: linear, degree of protection: IP65, connection: RSMA (male), incl. 1.8 m / 6 ft. connecting cable and mounting bracket for panel mounting

Your advantages

- For freely mobile applications
- For multipoint or mesh connections

Commercial data

Item number	2904801
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNC6A3
GTIN	4046356902113
Weight per piece (including packing)	125.7 g
Weight per piece (excluding packing)	124.5 g
Customs tariff number	85177100
Country of origin	US

Technical data

Notes

Note on application

Note on application	Only for industrial use

Product properties

Product type	Antenna
Gain	2.15 dBi
Vertical beamwidth	N/A
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	900 MHz
Frequency range	900 MHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 2.00

Connection data

Connection technology

Connection method	RSMA (male)

Dimensions

Width	0.3 cm
Height	8.9 cm

Material specifications

Material	V2A
	V2A

Cable/line

Connecting cable	yes

Environmental and real-life conditions

Ambient conditions

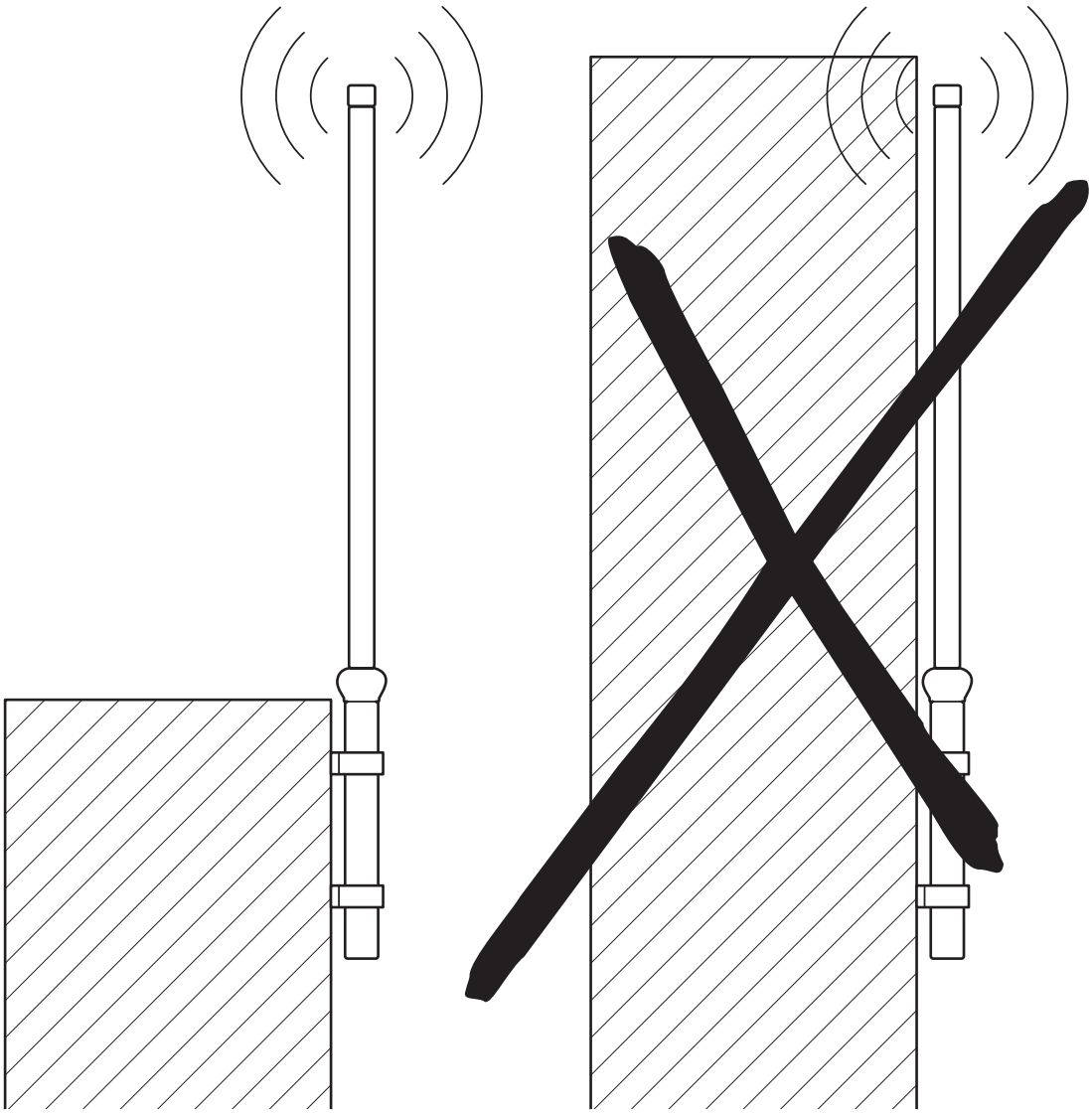
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 75 °C

Mounting

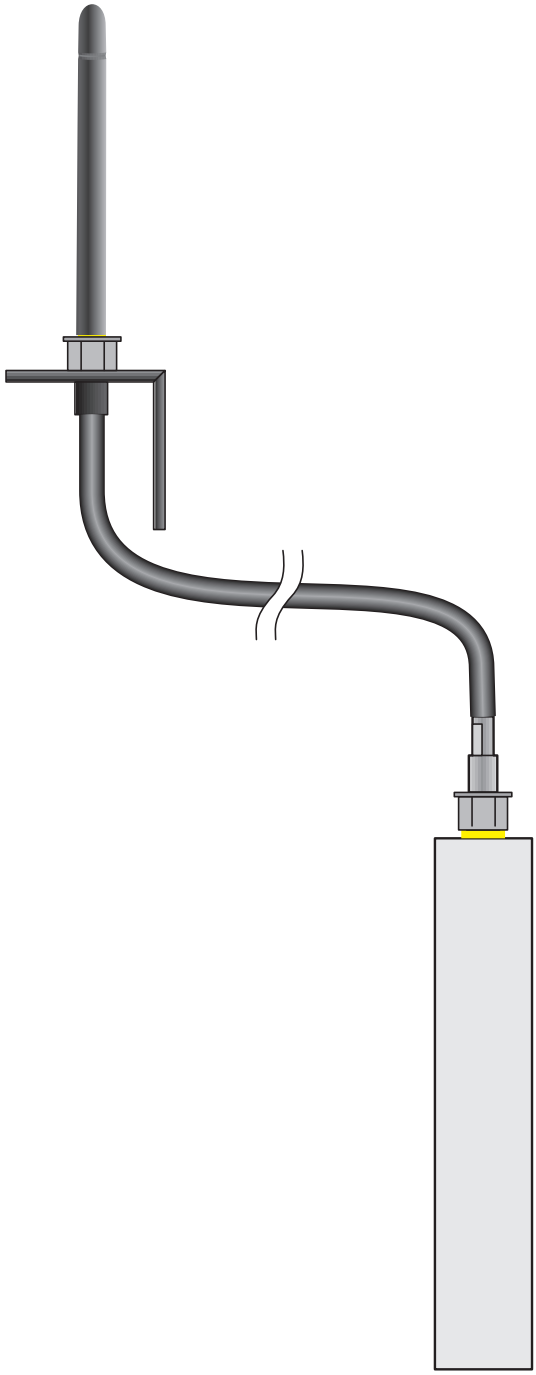
Mounting type	Panel mounting

Drawings

Schematic diagram



Schematic diagram



Installation example

Classifications

ECLASS

ECLASS-13.0	19070105
ECLASS-15.0	19070105

ETIM

ETIM 10.0	EC001698

UNSPSC

UNSPSC 21.0	43223100

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

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