

# 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
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### 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)
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### Dimensions

Width	0.3 cm
Height	8.9 cm

### Material specifications

Material	V2A
	V2A

### Cable/line

Connecting cable	yes
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### Environmental and real-life conditions

#### Ambient conditions

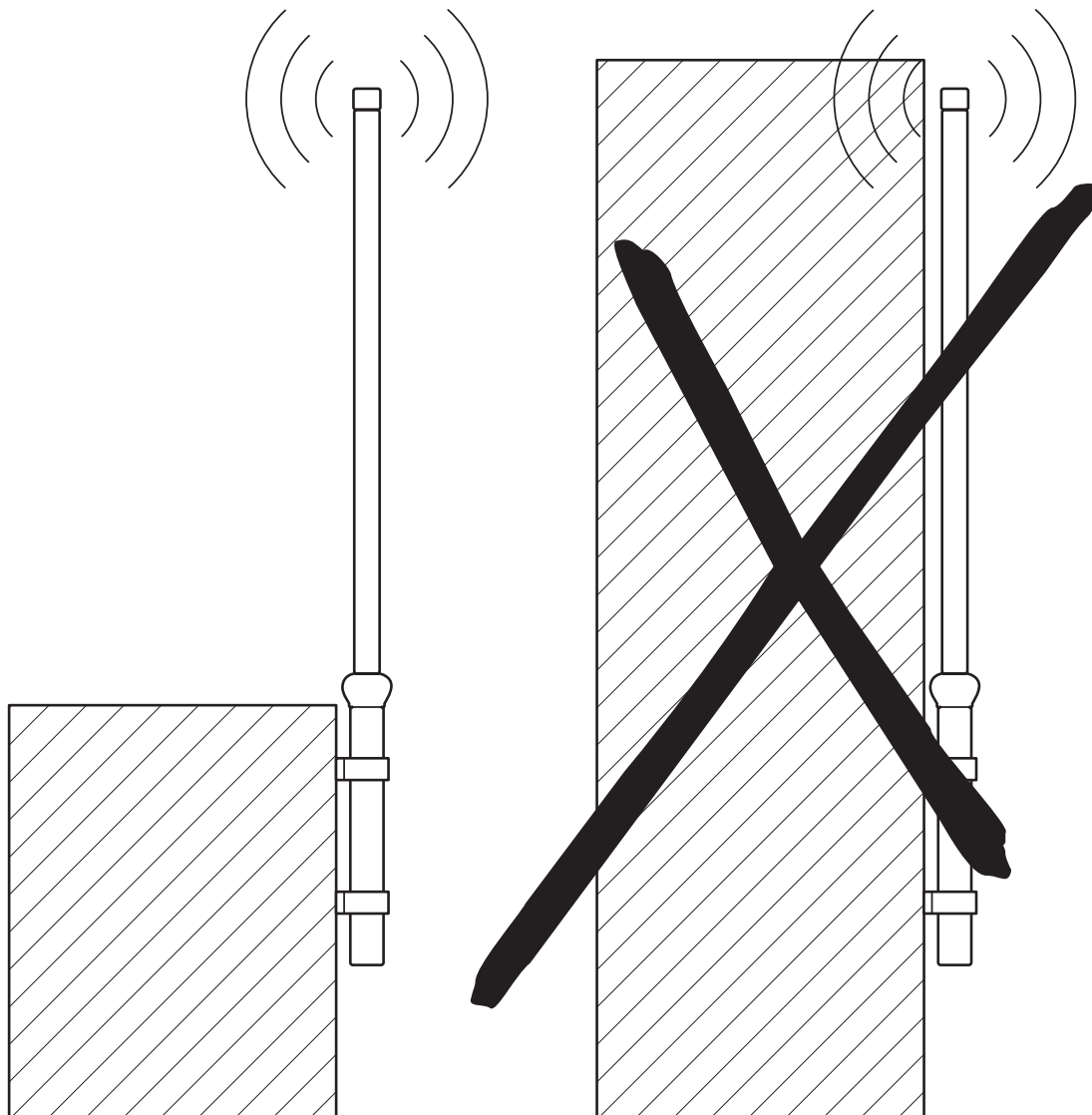
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 75 °C

### Mounting

Mounting type	Panel mounting
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Drawings

Schematic diagram



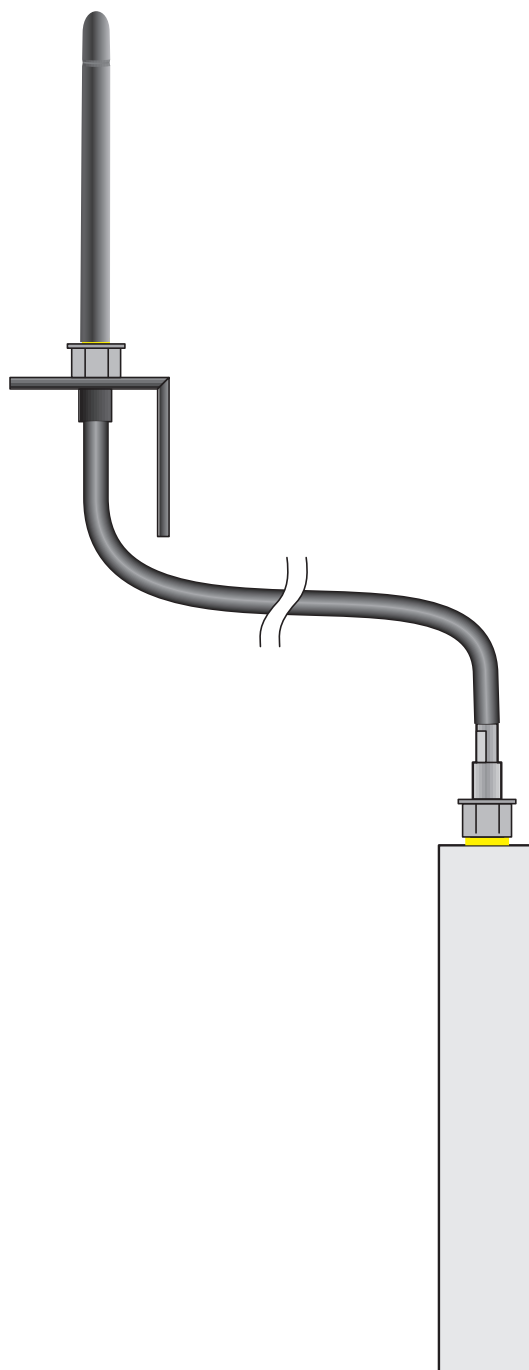
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Schematic diagram



Installation example

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## Classifications

### ECLASS

ECLASS-13.0	19070105
ECLASS-15.0	19070105

### ETIM

ETIM 10.0	EC001698
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### UNSPSC

UNSPSC 21.0	43223100
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## 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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