

# RAD-ISM- 900-ANT-OMNI-0-N - Antenna

5604160

<https://www.phoenixcontact.com/us/products/5604160>

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Omnidirectional antenna, 900 MHz, gain: 2 dBi, polarization: linear, opening angle: h 360°, connection: N (female), incl. mounting bracket for panel mounting

## Your advantages

- For freely mobile applications
- For multipoint or mesh connections

## Commercial data

Item number	5604160
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6A3
GTIN	4046356288743
Weight per piece (including packing)	115 g
Weight per piece (excluding packing)	115 g
Customs tariff number	85177019
Country of origin	US

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## Technical data

### Product properties

Product type	Antenna
Gain	2.15 dBi
Horizontal beamwidth	360 °
Polarization	Linear vertical

### Electrical properties

Frequency band	900 MHz
Frequency range	890 MHz ... 960 MHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 2.00

### Connection data

#### Connection technology

Connection method	N (female)
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### Dimensions

Height	88.9 mm
Diameter	3.175 mm

### Material specifications

Material	V2A
	V2A

### Cable/line

Cable length	3.00 in.
Cable type	RG-58

### Environmental and real-life conditions

#### Ambient conditions

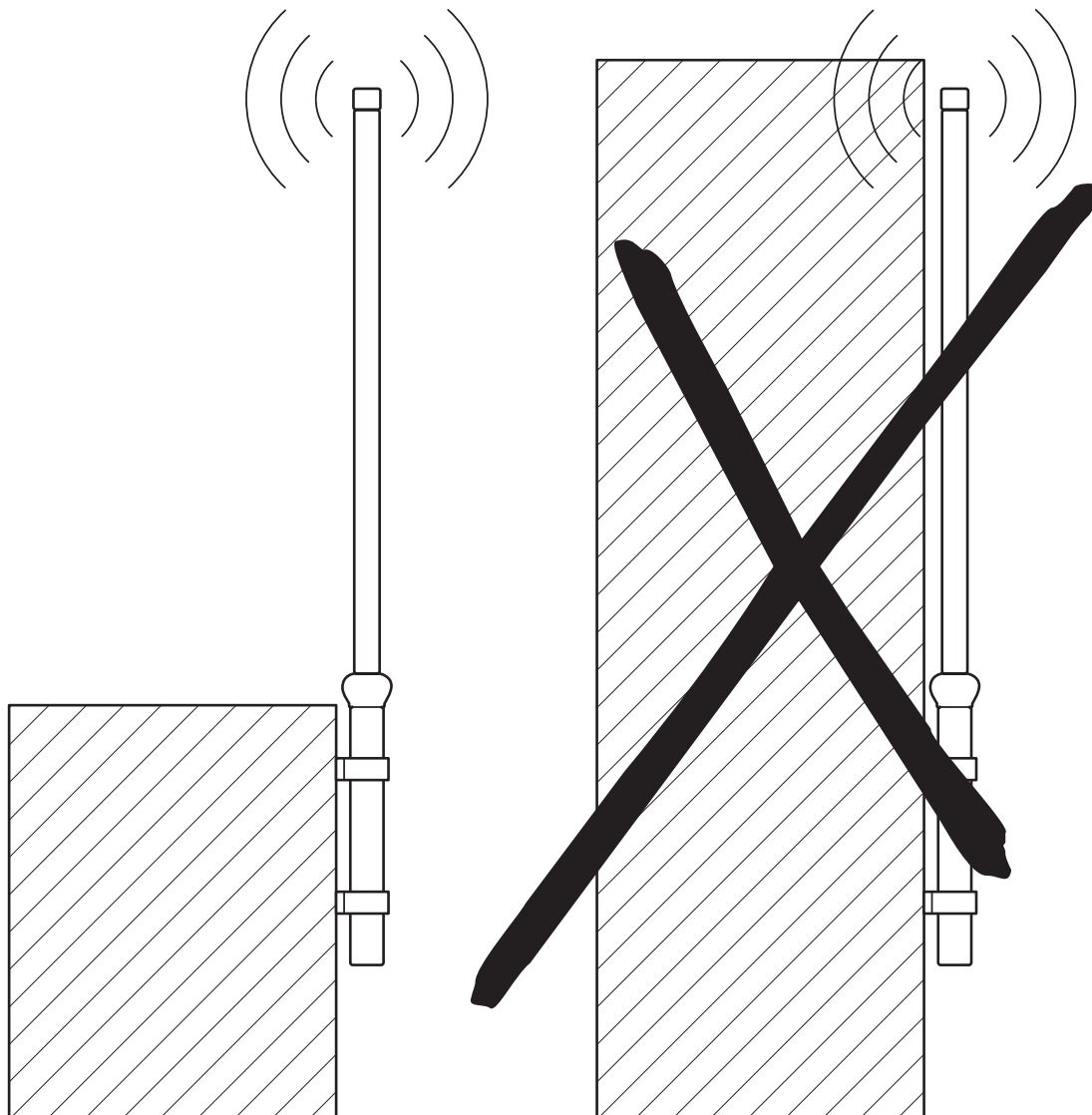
Ambient temperature (operation)	-40 °C ... 75 °C
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### Mounting

Mounting type	Panel mounting
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Drawings

Schematic diagram

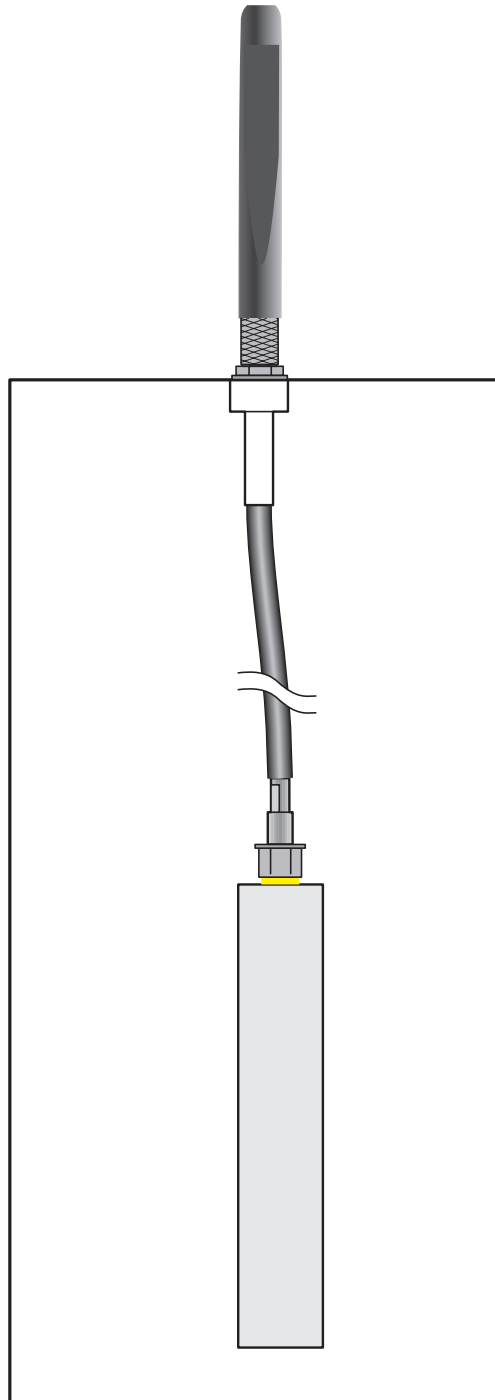


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Schematic diagram



Installation example

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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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