

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) |
|-------------------|------------|

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

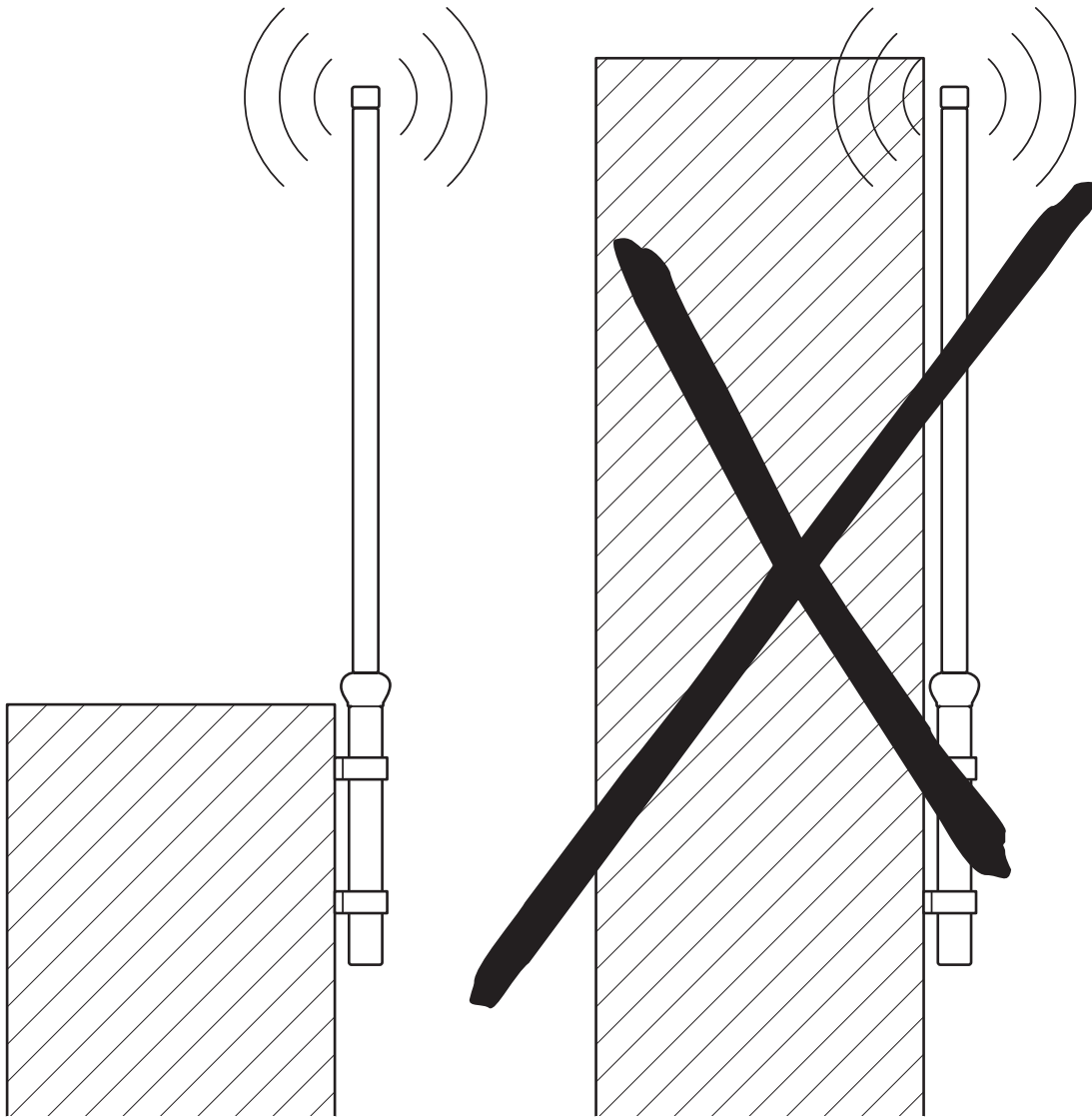
| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 75 °C |
|---------------------------------|------------------|

Mounting

| | |
|---------------|----------------|
| Mounting type | Panel mounting |
|---------------|----------------|

Drawings

Schematic diagram

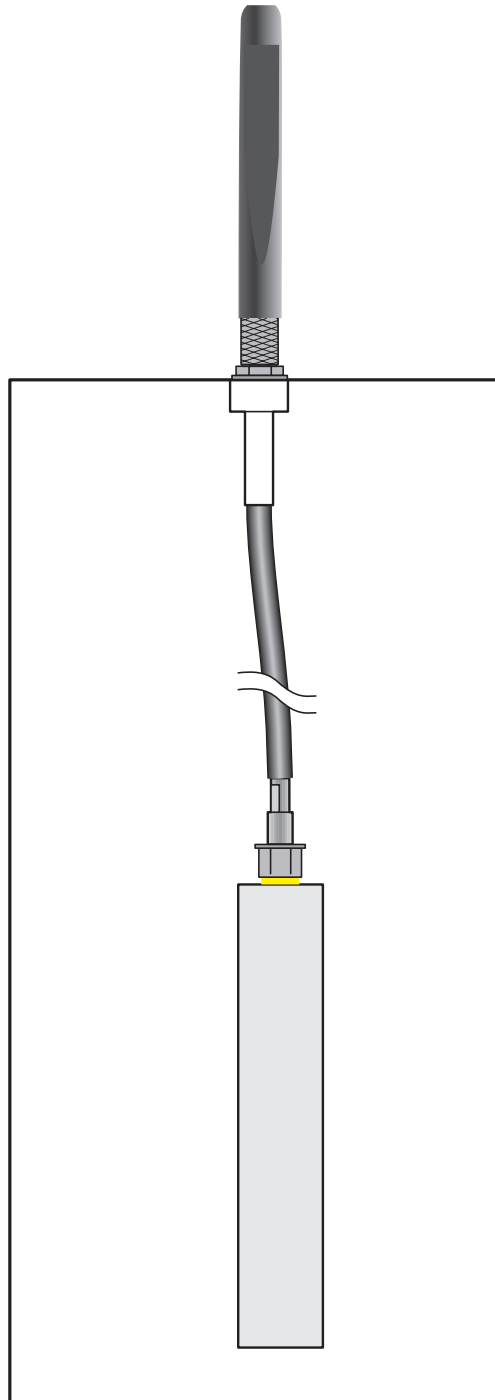


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Schematic diagram



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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