

# Antenna - RAD-ISM-5250-ANT-OMNI-10-N



5606761

<https://www.phoenixcontact.com/us/products/5606761>

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Omnidirectional antenna, 5.2 GHz, gain: 12 dBi, polarization: linear, opening angle: h/v 360°/8.5°, protection class: IP65, connection: N (female), incl. mounting bracket and mast clips



## Your advantages

- For multipoint or mesh connections
- For freely mobile applications

## Commercial Data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 5606761                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to Order (non-returnable) |
| Sales Key                            | C20                            |
| Product Key                          | DNC6A5                         |
| GTIN                                 | 4046356570978                  |
| Weight per Piece (including packing) | 430.9 g                        |
| Weight per Piece (excluding packing) | 430 g                          |
| Customs tariff number                | 85177000                       |
| Country of origin                    | US                             |

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## Technical Data

### Product properties

|                      |                 |
|----------------------|-----------------|
| Product type         | Antenna         |
| Gain                 | 12 dBi          |
| Vertical beamwidth   | 8.5 °           |
| Horizontal beamwidth | 360 °           |
| Polarization         | Linear vertical |

### Electrical properties

|                 |                      |
|-----------------|----------------------|
| Frequency band  | 5.2 GHz              |
| Frequency range | 5.15 GHz ... 5.35 Hz |

### Connection data

#### Connection technology

|                   |                        |
|-------------------|------------------------|
| Connection method | N (female)             |
| Outside diameter  | 38 mm ... 60 mm (Mast) |

### Dimensions

|        |        |
|--------|--------|
| Height | 419 mm |
|--------|--------|

#### External dimensions

|                  |                        |
|------------------|------------------------|
| Outside diameter | 38 mm ... 60 mm (Mast) |
|------------------|------------------------|

### Material specifications

|          |                                                 |
|----------|-------------------------------------------------|
| Material | Fiberglass-reinforced plastic (Antenna housing) |
|          | V2A (Bracket)                                   |
|          | V2A (U-shaped screw)                            |

### Environmental and real-life conditions

#### Ambient conditions

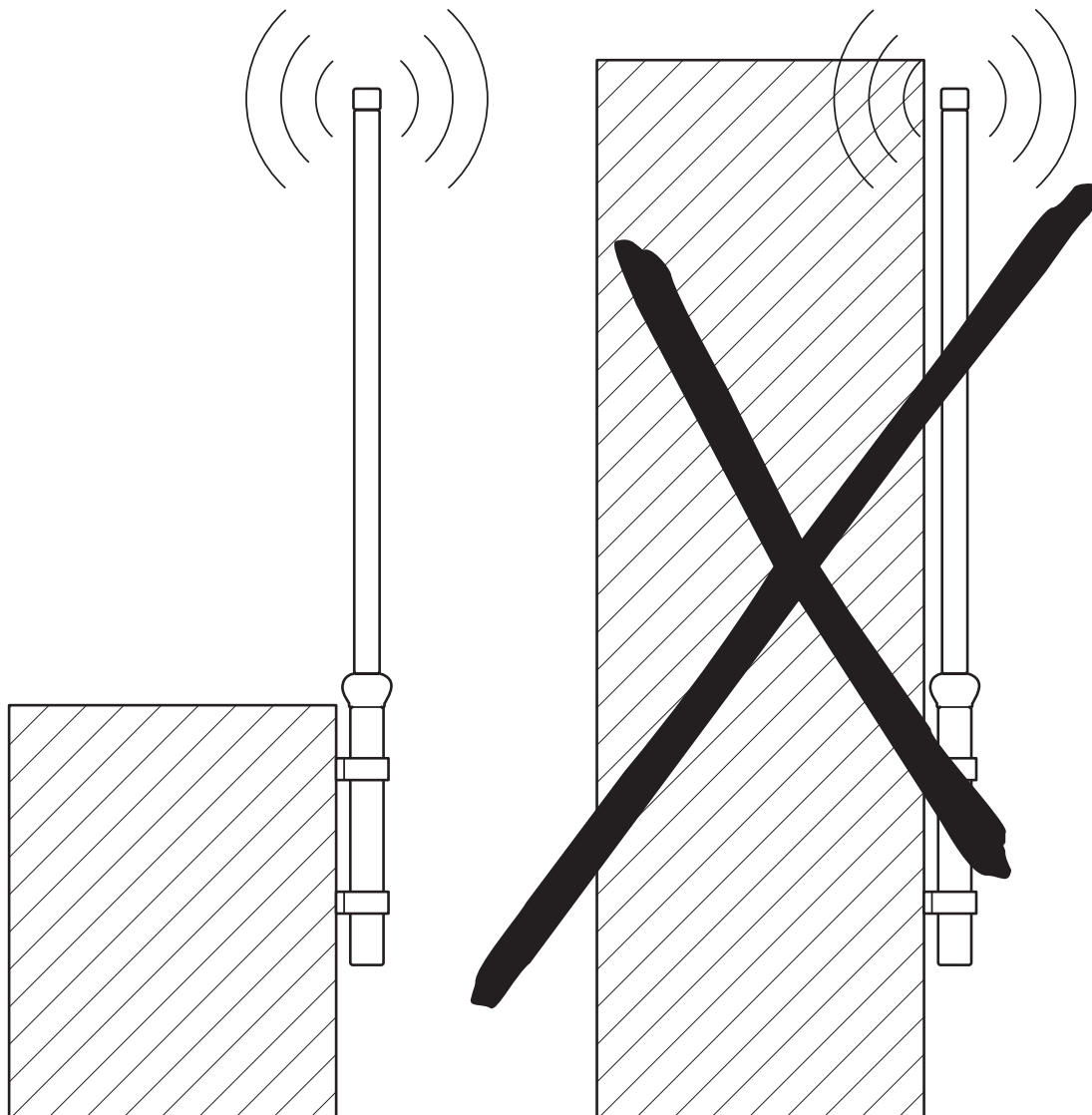
|                      |                |
|----------------------|----------------|
| Degree of protection | IP65           |
| Wind velocity        | 14.660495 km/h |

### Mounting

|               |               |
|---------------|---------------|
| Mounting type | Mast mounting |
|---------------|---------------|

## Drawings

Schematic diagram



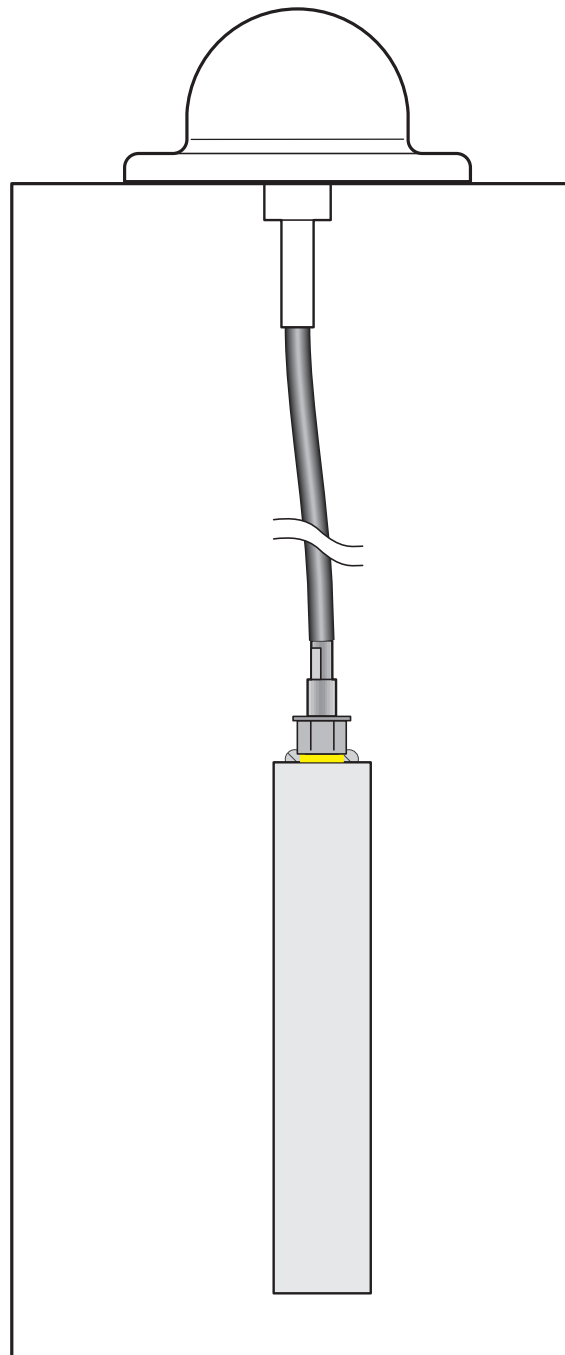
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Schematic diagram



Installation example

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## Classifications

### ECLASS

|               |          |
|---------------|----------|
| ECLASS-9.0    | 19070105 |
| ECLASS-10.0.1 | 19070105 |

### ETIM

|          |          |
|----------|----------|
| ETIM 7.0 | EC001698 |
|----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 43221715 |
|-------------|----------|

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## Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

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