

## Antenna - RAD-900-ANT-OMNI-2-N - 2904802

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Omnidirectional antenna, 868 MHz / 900 MHz, gain: 2 dBi, polarization: linear, opening angle: h/v 360°/50°, degree of protection: IP66, connection: N (female), for control cabinet mounting (optional wall mounting)

### Your advantages

- ✓ For freely mobile applications
- ✓ For multipoint or mesh connections

RoHS

### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 916844 |
| GTIN                                 | 4046356916844                                                                                           |
| Weight per Piece (excluding packing) | 178.100 g                                                                                               |
| Custom tariff number                 | 85177000                                                                                                |
| Country of origin                    | United States                                                                                           |

### Technical data

#### Dimensions

|          |       |
|----------|-------|
| Height   | 84 mm |
| Diameter | 36 mm |

#### Ambient conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Degree of protection                    | IP66             |
| Ambient temperature (operation)         | -40 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 70 °C |

#### General

|                       |                     |
|-----------------------|---------------------|
| With connecting cable | No                  |
| Frequency range       | 900 MHz             |
|                       | 868 MHz ... 960 MHz |

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### Technical data

#### General

|                       |                                    |
|-----------------------|------------------------------------|
| Horizontal beamwidth  | 360 °                              |
| Vertical beamwidth    | 50 °                               |
| Polarization          | Linear vertical                    |
| Impedance             | 50 $\Omega$                        |
| Gain                  | 2.15 dBi                           |
| Connection method     | Type N (female)                    |
| Material              | Xenoy 5720U-7014 (Antenna housing) |
| Mounting type         | Control cabinet                    |
| Assembly instructions | Optional wall mounting             |

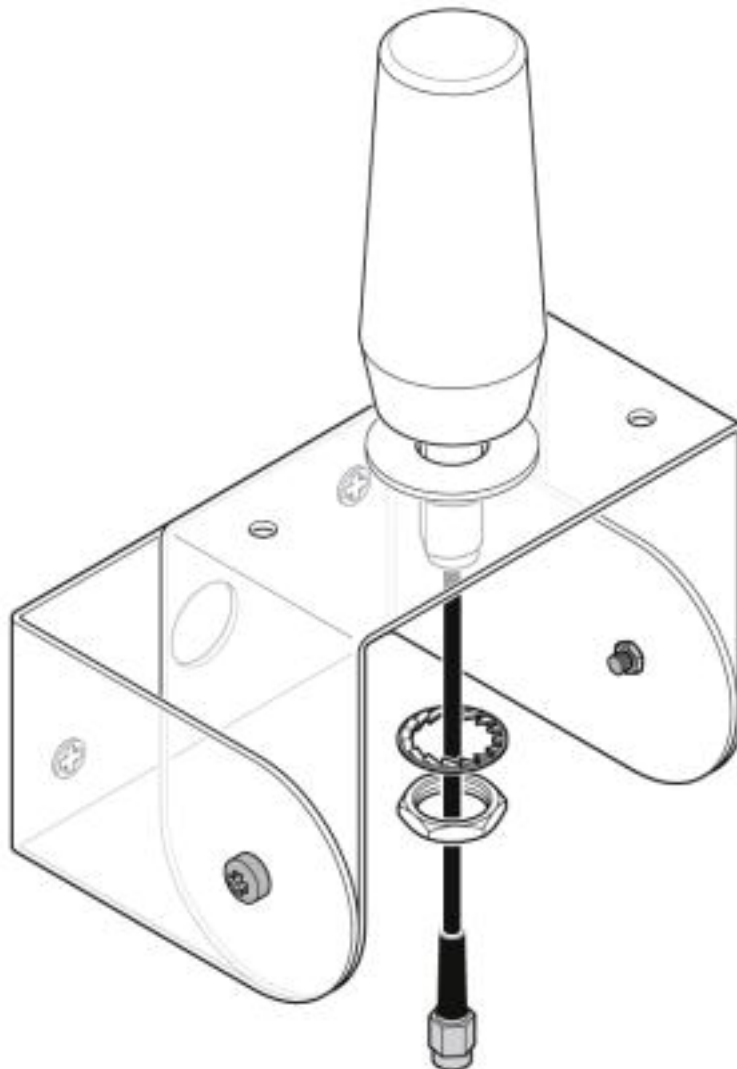
#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| REACH SVHC | Lead 7439-92-1                                          |
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

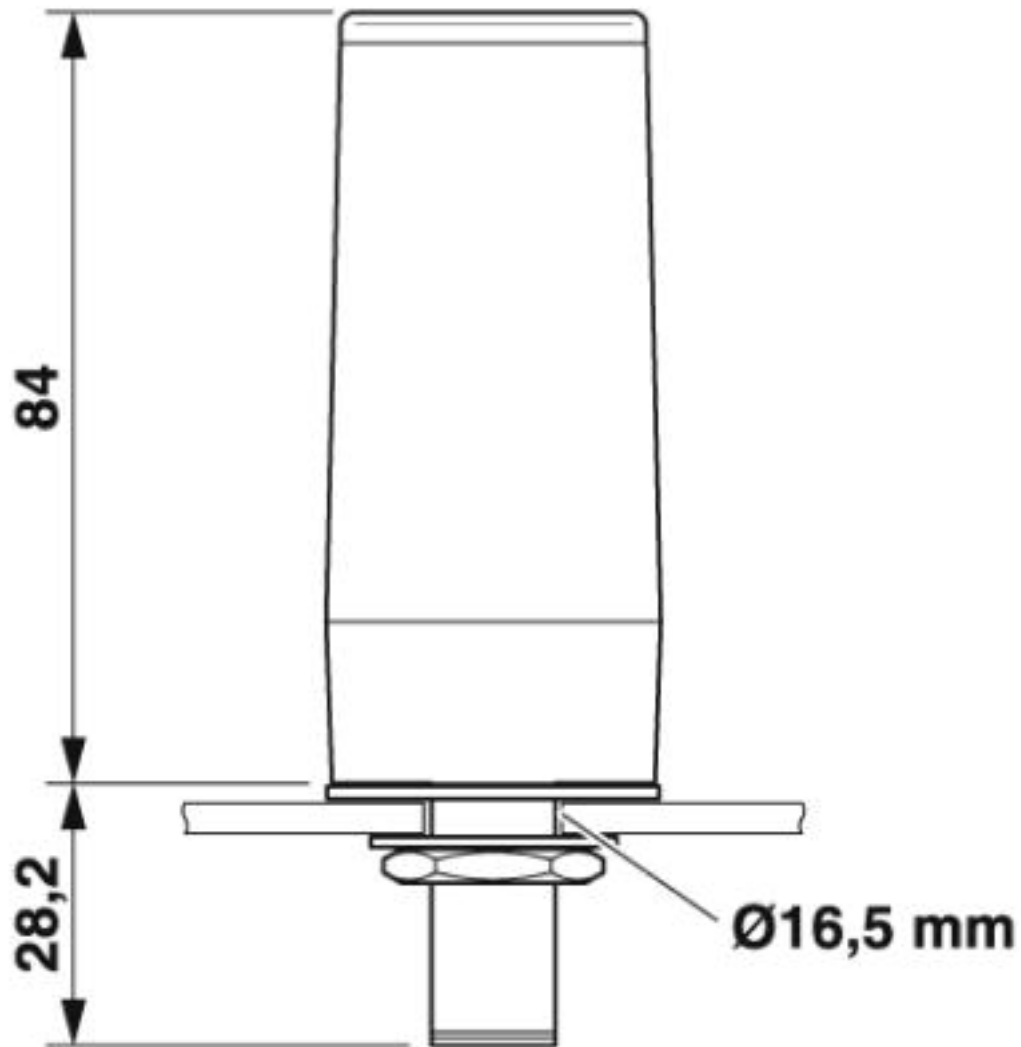
## Antenna - RAD-900-ANT-OMNI-2-N - 2904802

Schematic diagram



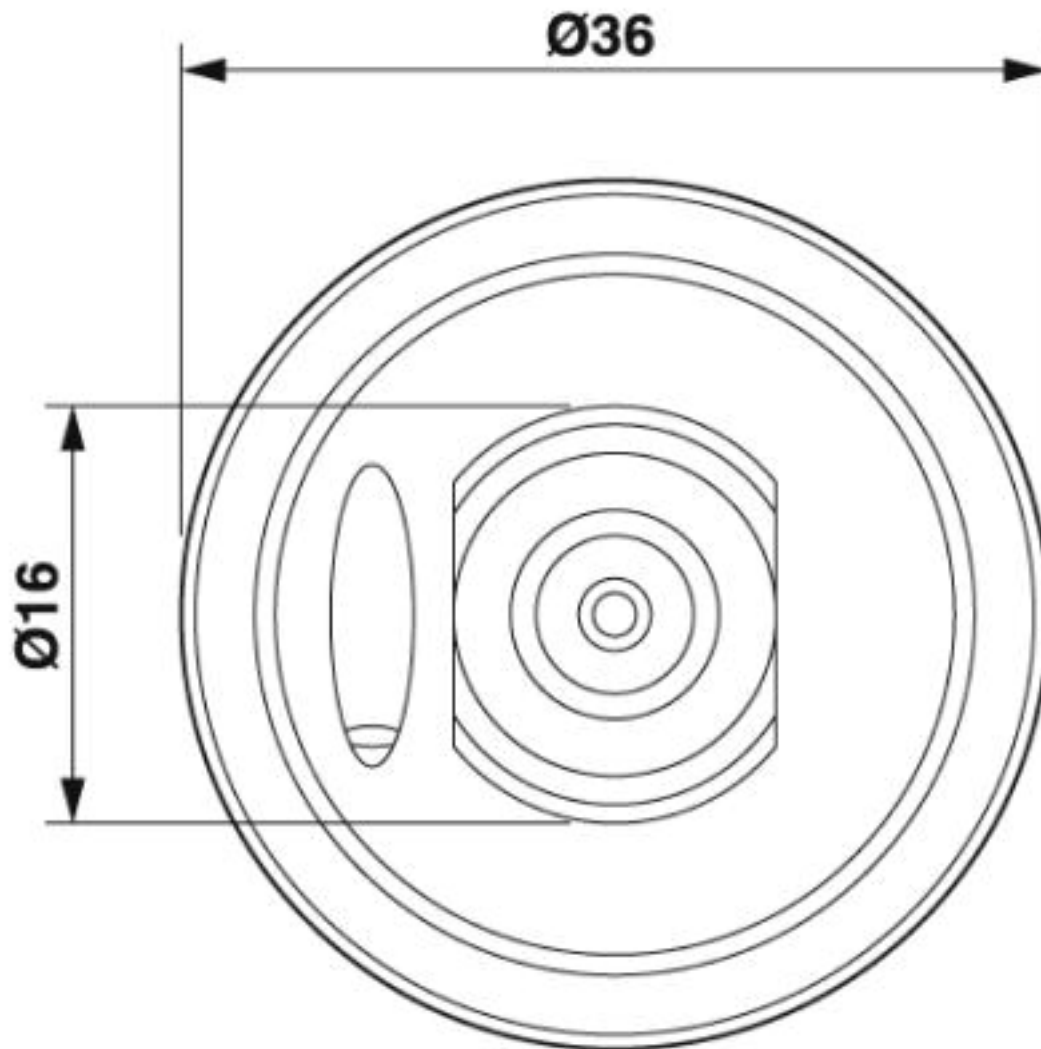
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Schematic diagram



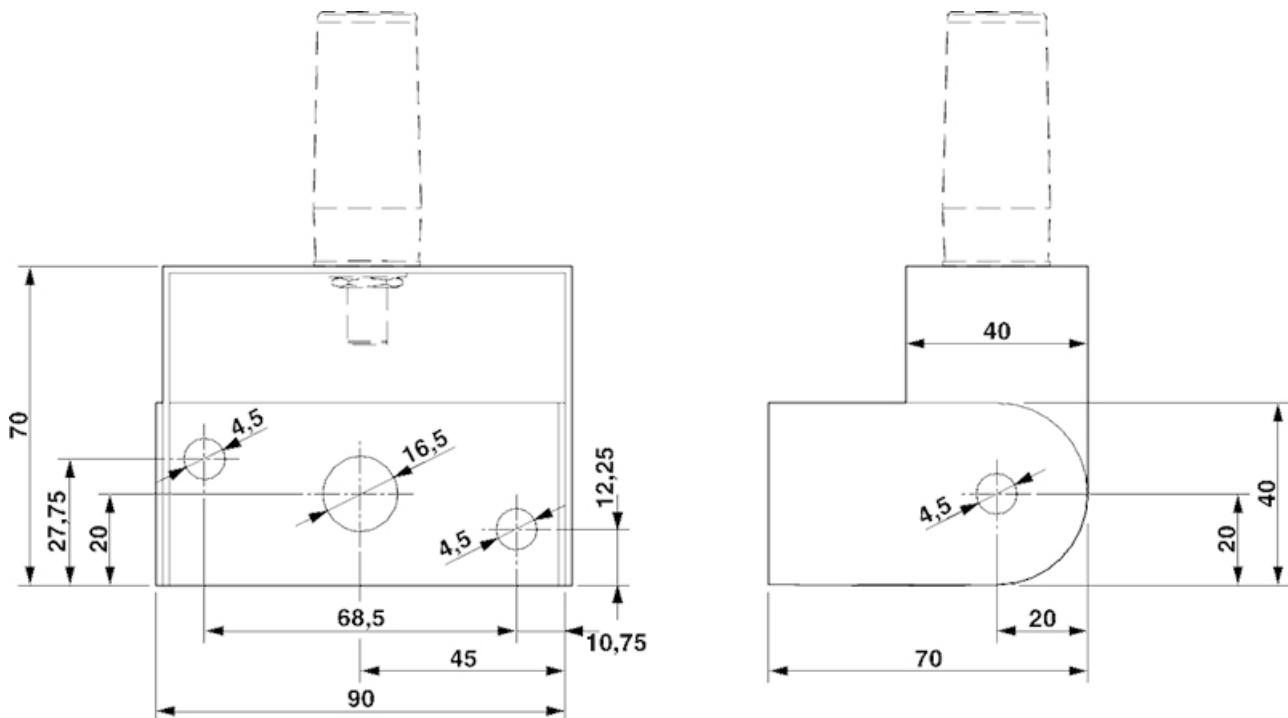
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Dimensional drawing



Antenna - RAD-900-ANT-OMNI-2-N - 2904802

## Dimensional drawing



## Classifications

eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.1 | 27230200 |
| eCl@ss 5.0 | 27061800 |
| eCl@ss 5.1 | 19070100 |
| eCl@ss 6.0 | 27061800 |
| eCl@ss 7.0 | 19070105 |
| eCl@ss 8.0 | 19070105 |
| eCl@ss 9.0 | 19070105 |

## Antenna - RAD-900-ANT-OMNI-2-N - 2904802

### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000416 |
| ETIM 5.0 | EC001698 |
| ETIM 6.0 | EC001698 |
| ETIM 7.0 | EC001698 |

#### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 13.2 | 43221715 |
| UNSPSC 18.0 | 43221715 |
| UNSPSC 19.0 | 43221715 |
| UNSPSC 20.0 | 43221715 |
| UNSPSC 21.0 | 43221715 |

### Accessories

#### Accessories

#### Mounting material

Mounting material - RAD-ANT-VAN-MKT - 2885870



Mounting material for wall mounting of omnidirectional antenna with protection against vandals