

# 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



## Key Commercial Data

Packing unit	1 pc
GTIN	 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

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

### Technical data

#### General

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

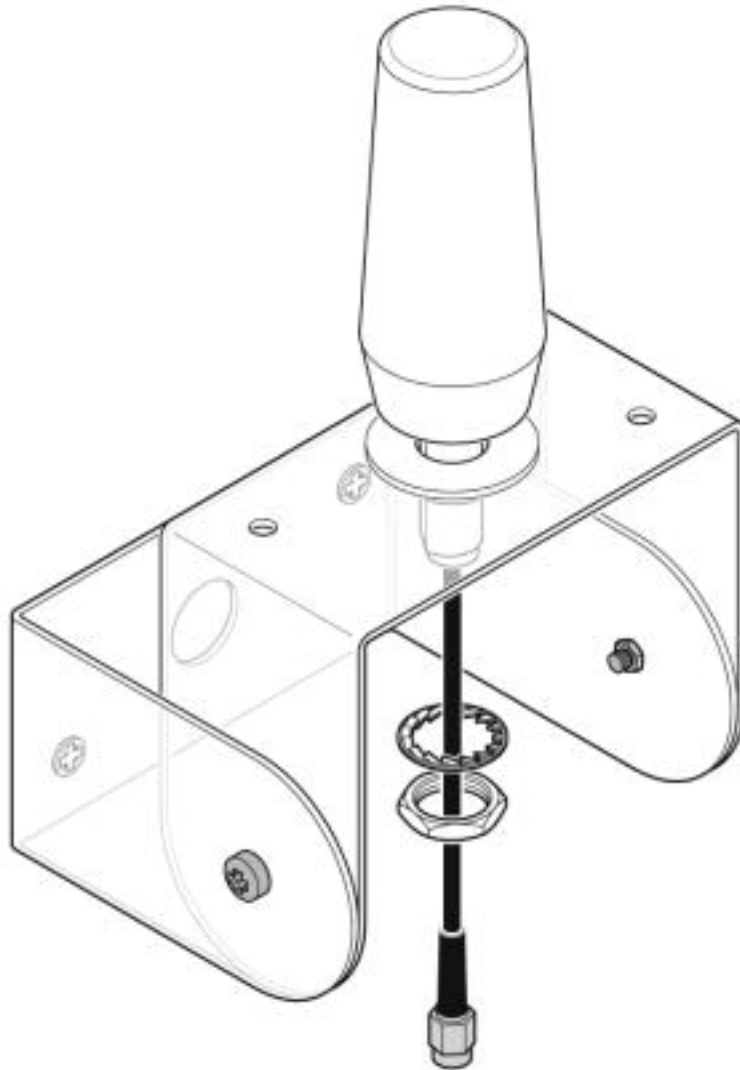
#### Environmental Product Compliance

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

### Drawings

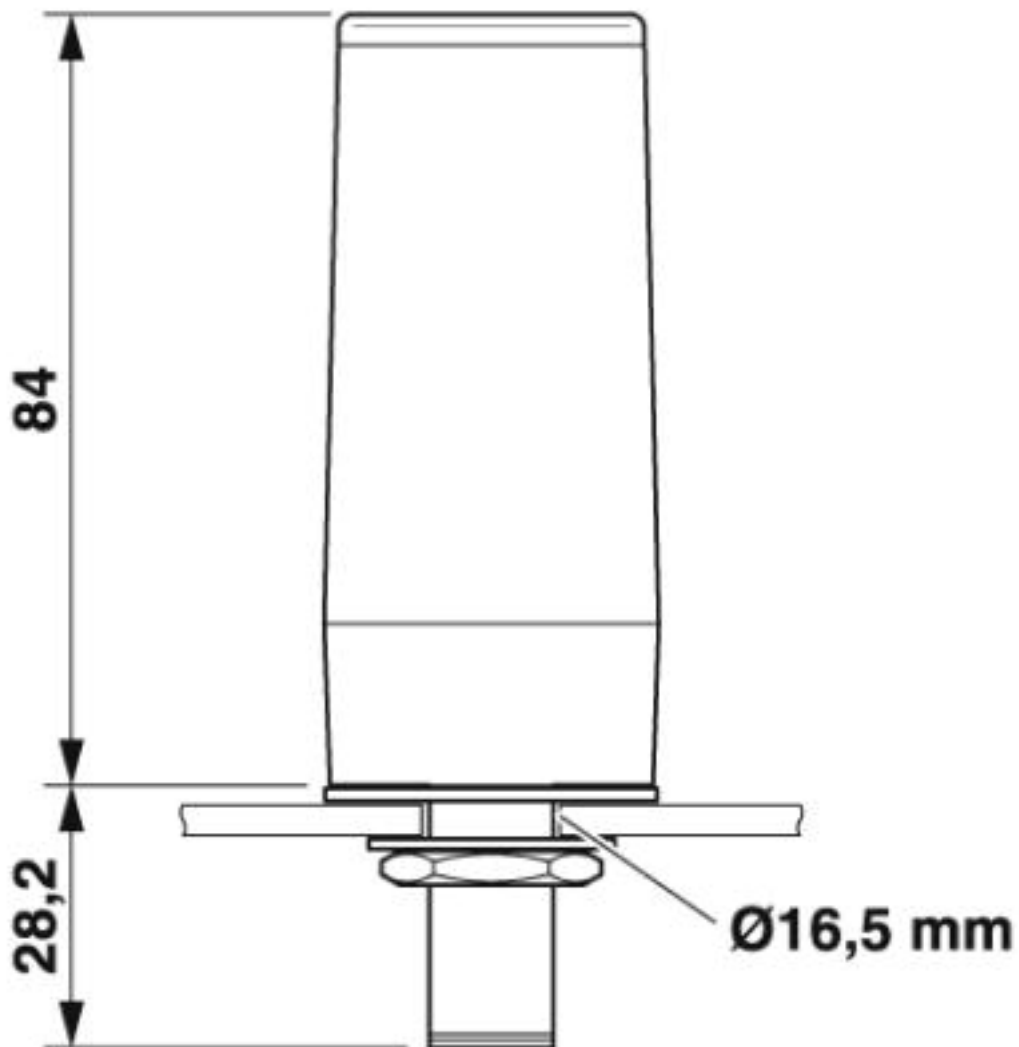
# Antenna - RAD-900-ANT-OMNI-2-N - 2904802

Schematic diagram



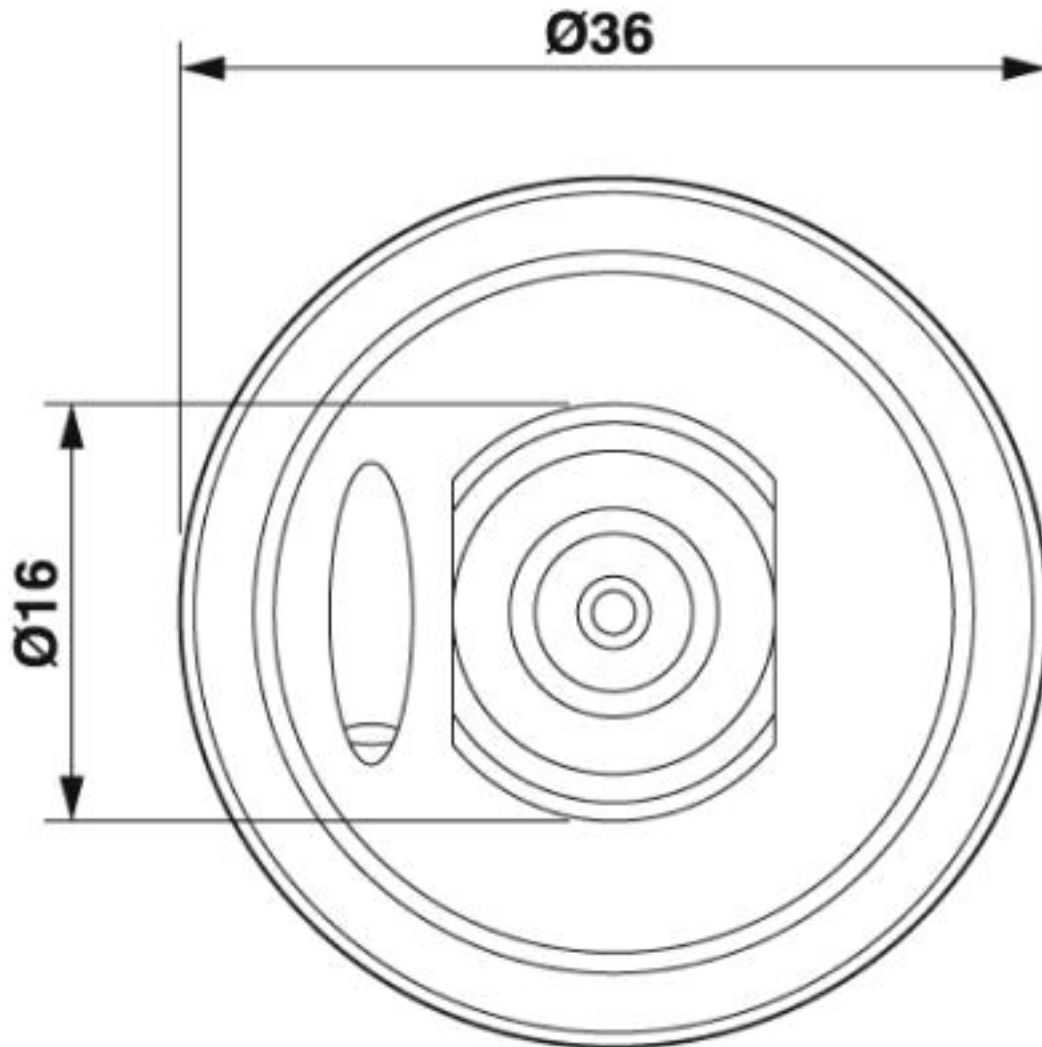
# Antenna - RAD-900-ANT-OMNI-2-N - 2904802

Schematic diagram



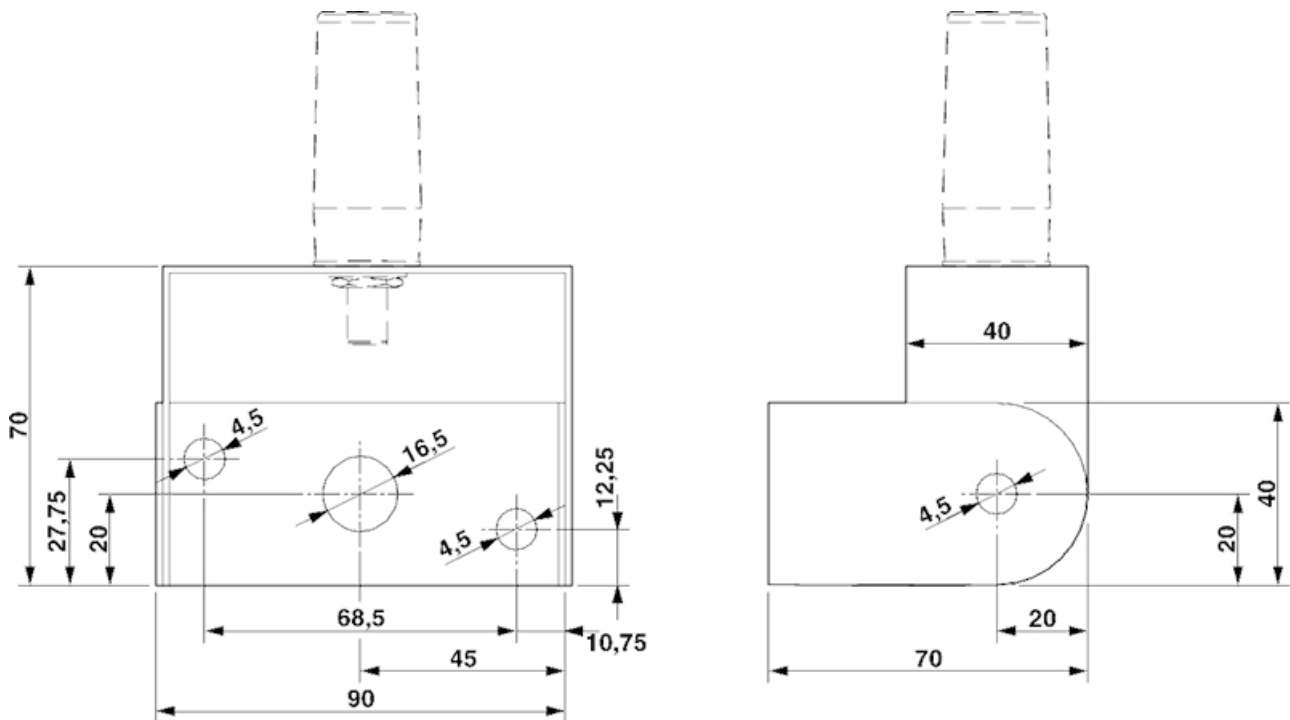
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Dimensional drawing



# 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

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## 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