

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

2904802

<https://www.phoenixcontact.com/us/products/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 multipoint or mesh connections
- For freely mobile applications

Commercial data

Item number	2904802
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNC6A3
Catalog page	Page 474 (C-6-2017)
GTIN	4046356916844
Weight per piece (including packing)	171.5 g
Weight per piece (excluding packing)	171.5 g
Customs tariff number	85177100
Country of origin	CN

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Technical data

Notes

Note on application	
Note on application	Only for industrial use

Product properties

Product type	Antenna
Gain	2.15 dBi
Vertical beamwidth	50 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Data management status	
Article revision	00

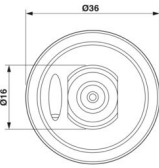
Electrical properties

Frequency band	900 MHz
Frequency range	868 MHz ... 960 MHz
Impedance	50 Ω

Connection data

Connection technology	
Connection method	N (female)

Dimensions

Dimensional drawing	
	
Height	84 mm
Diameter	36 mm

Material specifications

Material	Xenoy 5720U-7014
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Cable/line

Connecting cable	no
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Environmental and real-life conditions

Ambient conditions

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2904802

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

Mounting

Mounting type	Control cabinet
Assembly note	Optional wall mounting

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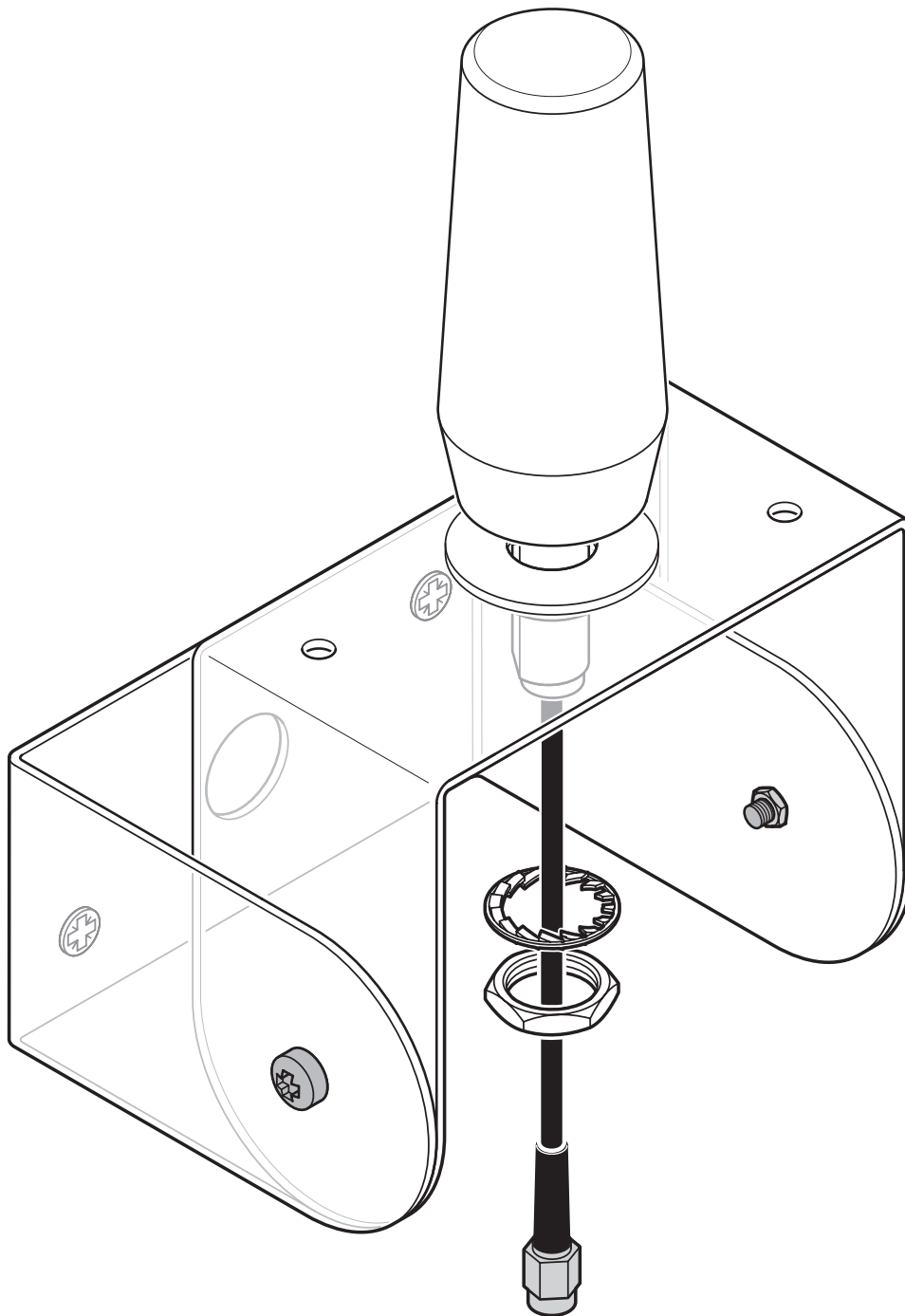
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Drawings

Schematic diagram



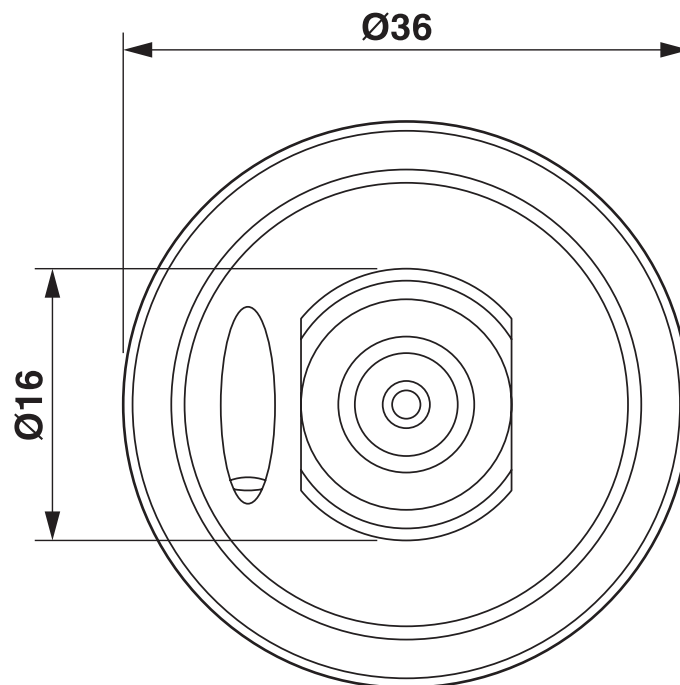
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2904802

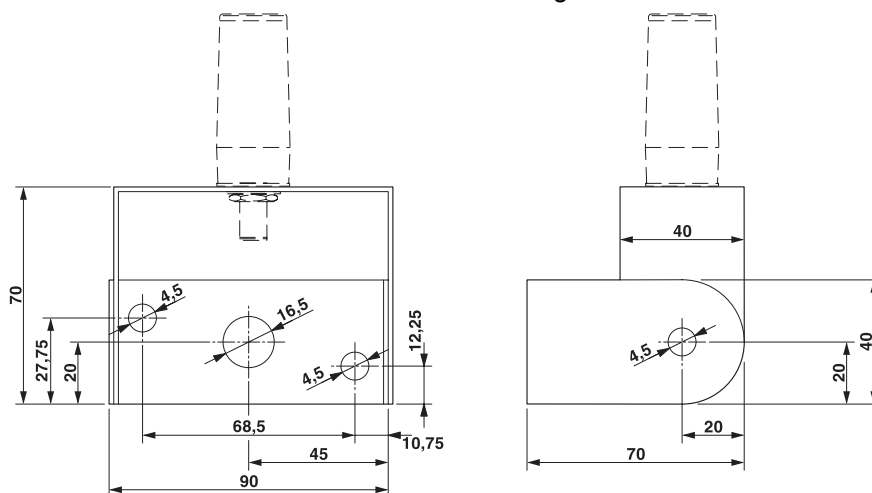
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Dimensional drawing



Dimensional drawing



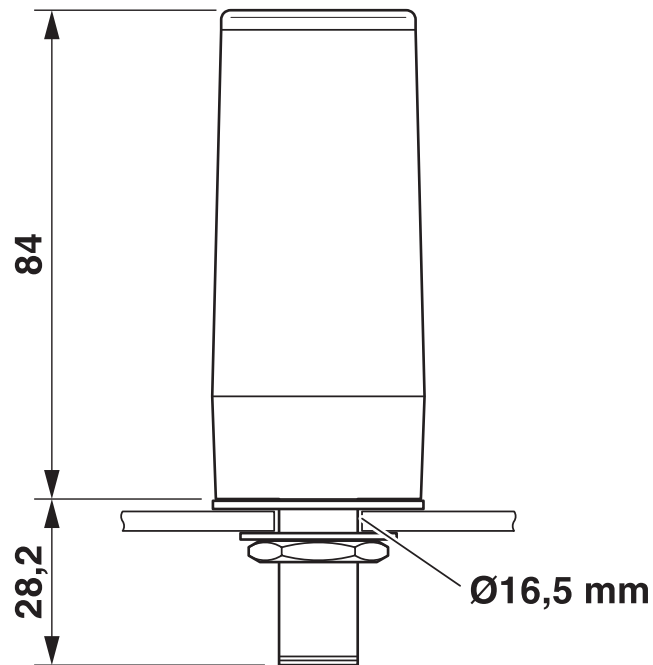
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Schematic diagram



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Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 9.0	EC001698
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UNSPSC

UNSPSC 21.0	43223100
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC	
REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	5f458a5d-777c-409a-87a7-083447e7a00b

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