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: 2.15 dBi, polarization: linear, opening angle: h/v 360°/50°, degree of protection: IP66, connection: N (female), for control cabinet mounting (optional panel 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
GTIN	4046356916844
Weight per piece (including packing)	175 g
Weight per piece (excluding packing)	171.5 g
Customs tariff number	85177100
Country of origin	CN

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

Electrical properties

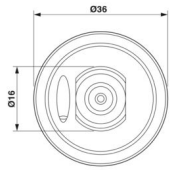
Frequency band	900 MHz
Frequency range	868 MHz ... 960 MHz
Impedance	50 Ω
Maximum capacity	100.00 W
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 2.50

Connection data

Connection technology

Connection method	N (female)

Dimensions

Dimensional drawing	
Height	84 mm
Diameter	36 mm

Material specifications

Material	Xenoy 5720U-7014

Cable/line

Connecting cable	no

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66

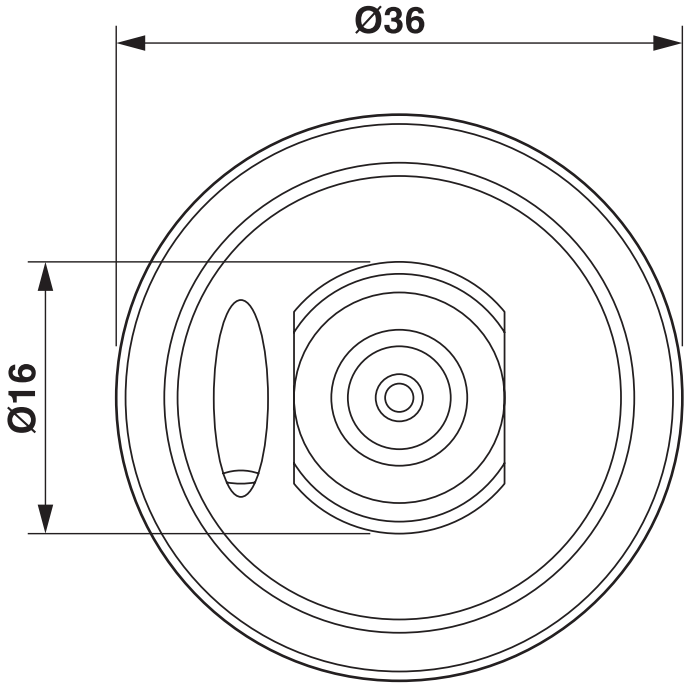
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Mounting

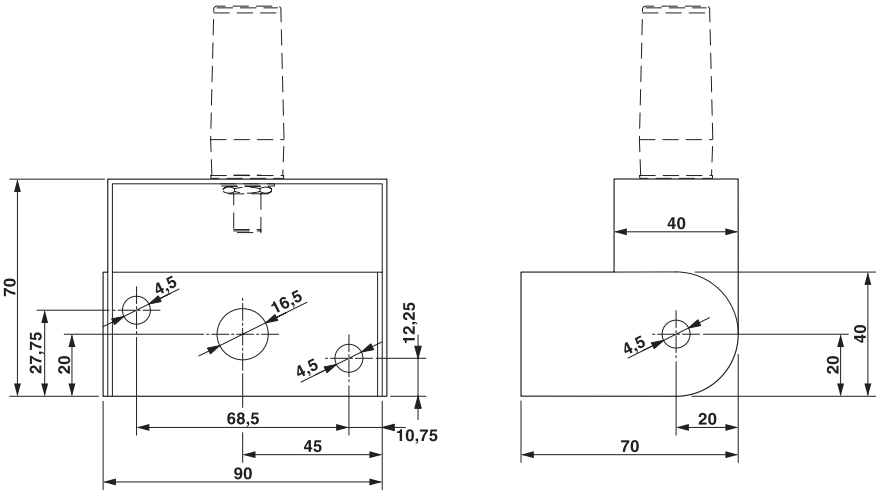
Mounting type	Control cabinet mounting
	Panel mounting

Drawings

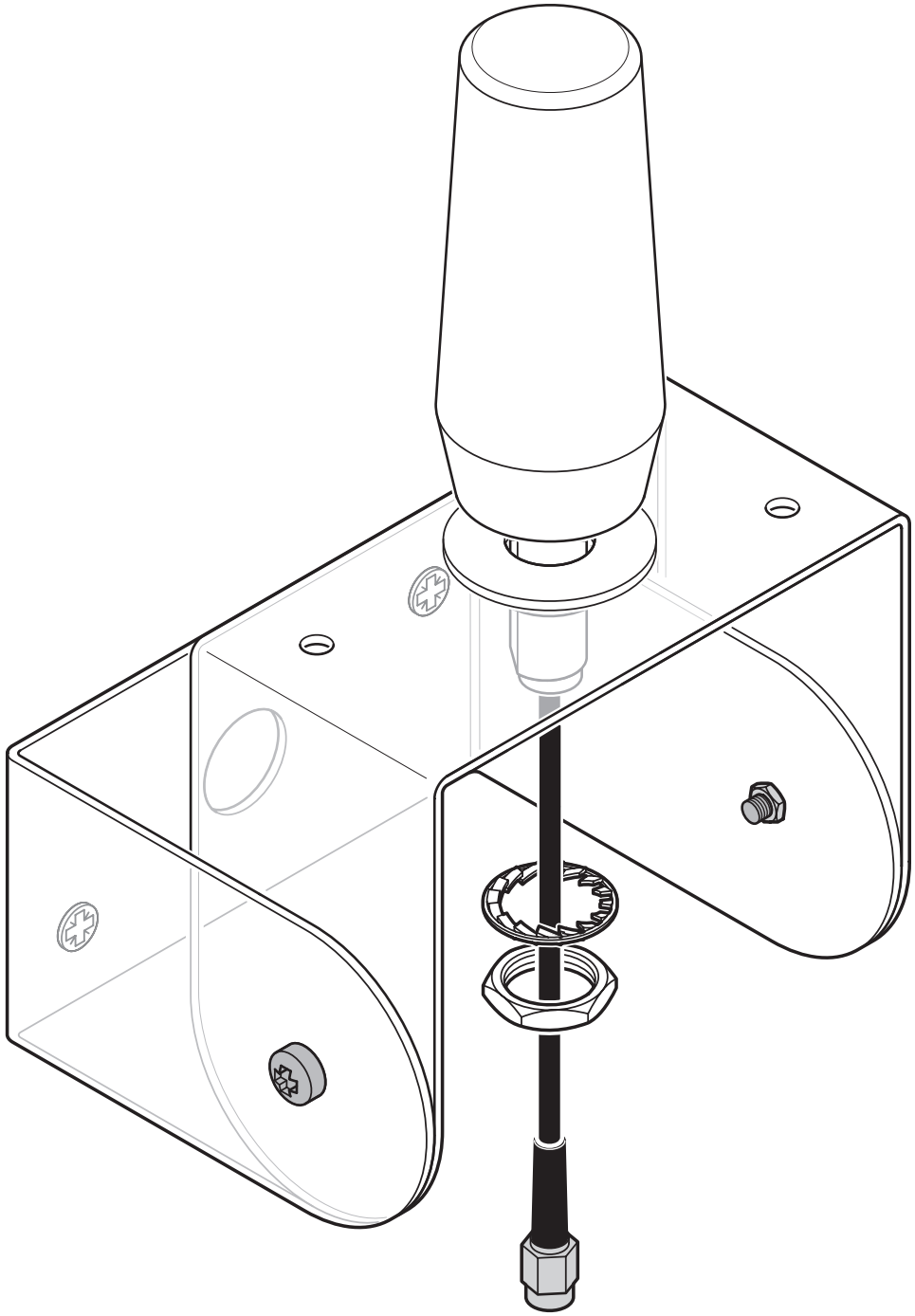
Dimensional drawing



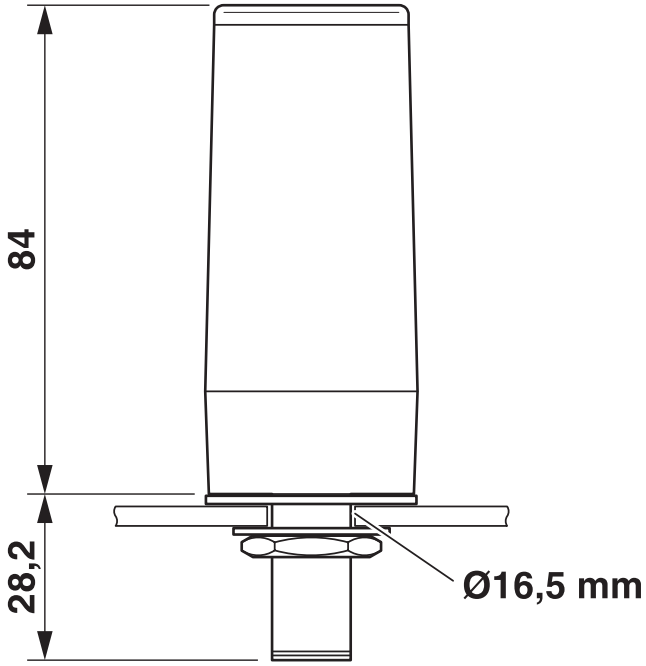
Dimensional drawing



Schematic diagram



Schematic diagram



Classifications

ECLASS

ECLASS-13.0	19070105
ECLASS-15.0	19070105

ETIM

ETIM 10.0	EC001698

UNSPSC

UNSPSC 21.0	43223100

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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