

RAD-ISM-900-ANT-OMNI-FG-3-N - Antenna



2867791

<https://www.phoenixcontact.com/us/products/2867791>

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Omnidirectional antenna, 900 MHz, gain: 5 dBi, polarization: linear, opening angle: h/v 360°/28°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips



Your advantages

- For freely mobile applications
- For multipoint or mesh connections

Commercial data

Item number	2867791
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6A3
GTIN	4017918976705
Weight per piece (including packing)	444.44 g
Weight per piece (excluding packing)	444.44 g
Customs tariff number	85177000
Country of origin	US

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Technical data

Product properties

Product type	Antenna
Gain	5.15 dBi
Vertical beamwidth	28 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	900 MHz
Frequency range	902 MHz ... 928 MHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 1.50

Connection data

Connection technology

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

Dimensions

Width	2.38 in.
Height	44.25 in.

External dimensions

Outside diameter	38 mm ... 60 mm (Mast)
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Material specifications

Material	Fiberglass-reinforced plastic
	V2A
	V2A

Cable/line

Connecting cable	no
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Environmental and real-life conditions

Ambient conditions

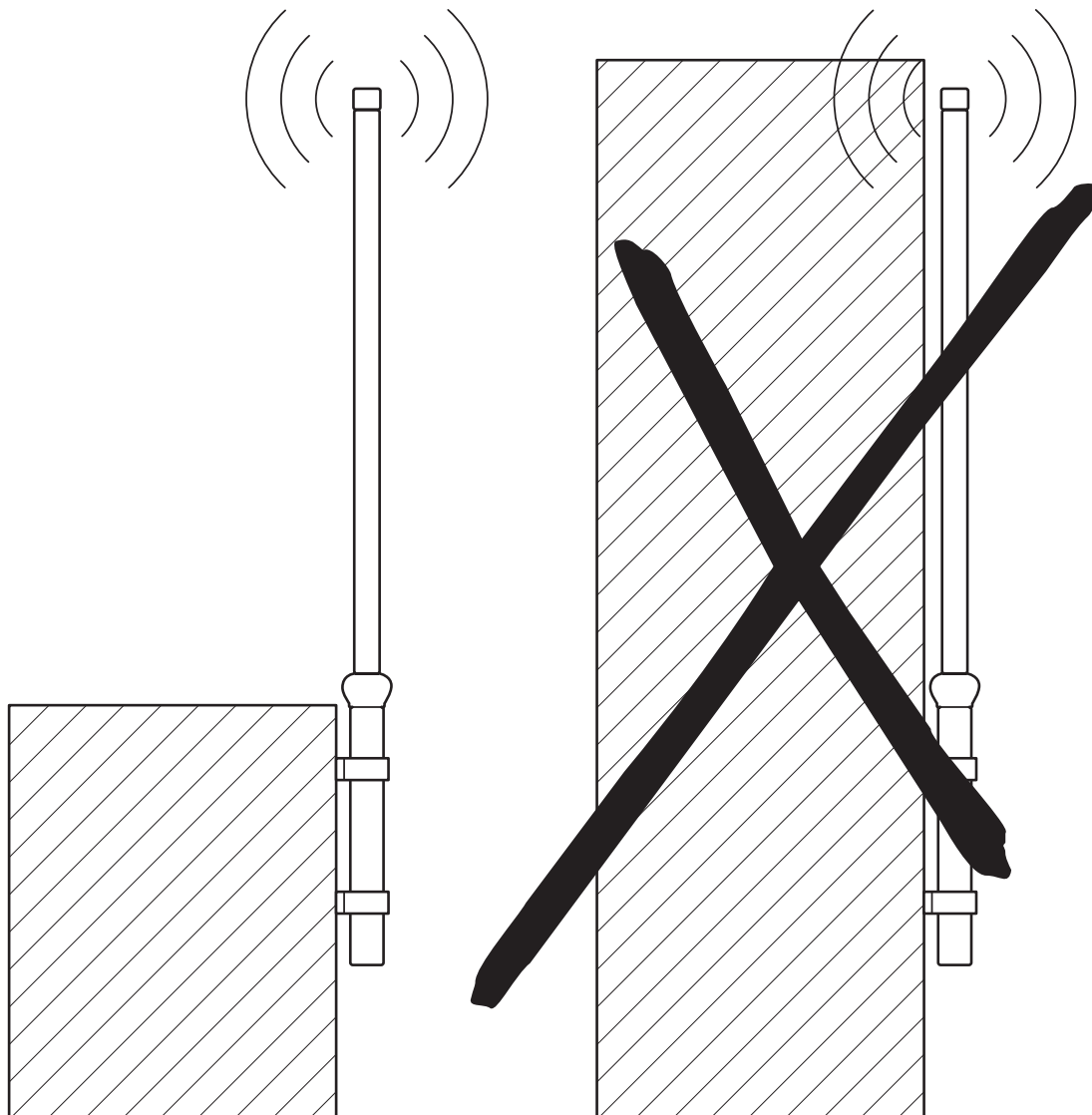
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C
Wind velocity	15.4321 km/h

Mounting

Mounting type	Mast mounting
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Drawings

Schematic diagram

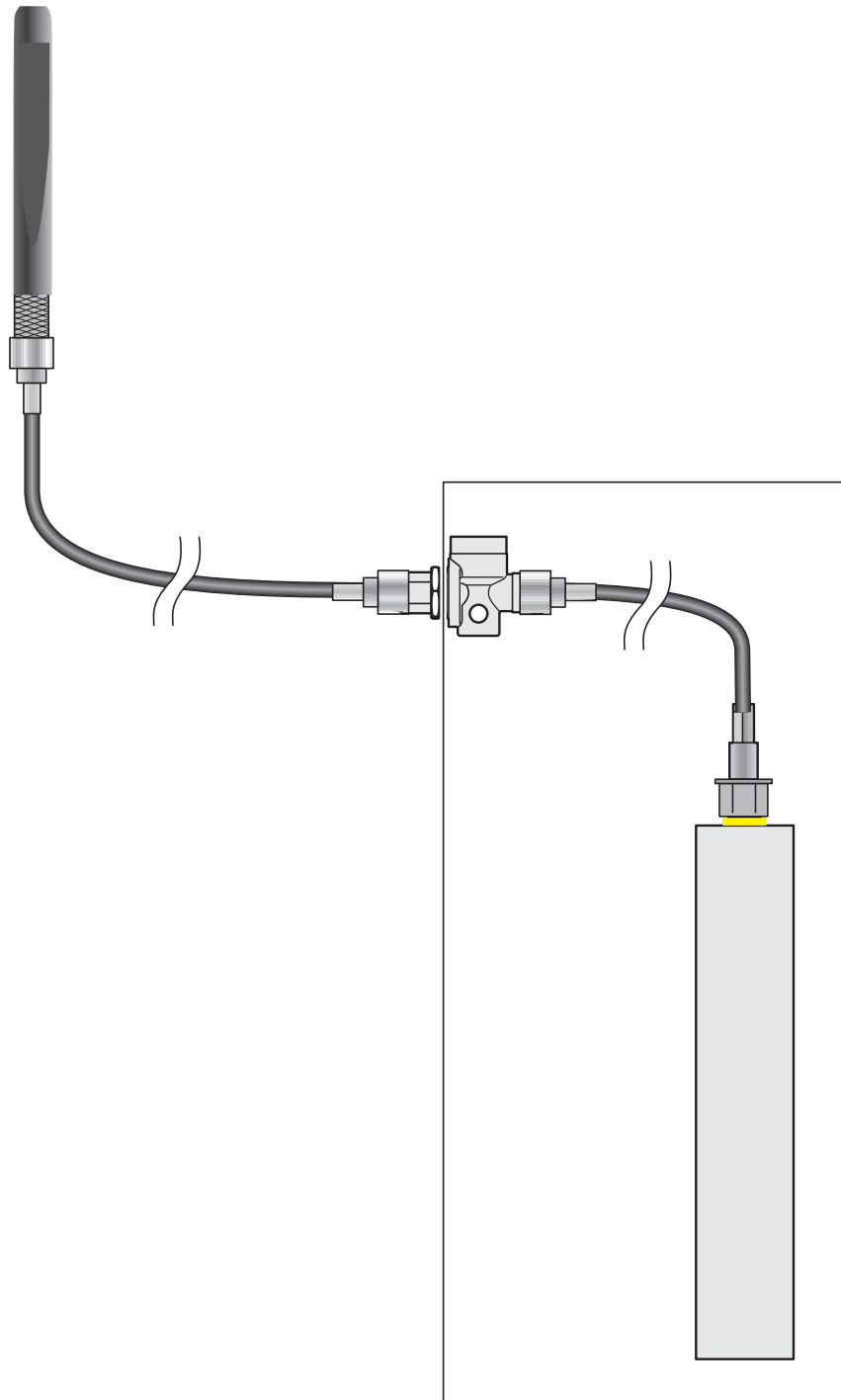


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Schematic diagram



Installation example

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Classifications

ETIM

ETIM 8.0	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	6e3525a7-4434-4ae9-8ab5-bddfb7f53eda