

RAD-ISM-900-ANT-OMNI-5 - Antenna

2867199

<https://www.phoenixcontact.com/us/products/2867199>

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Omnidirectional antenna, 900 MHz, gain: 7 dBi, polarization: linear, opening angle: h/v 360°/30°, 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	2867199
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6A3
GTIN	4017918931681
Weight per piece (including packing)	515 g
Weight per piece (excluding packing)	515 g
Customs tariff number	85177000
Country of origin	US

Technical data

Product properties

Product type	Antenna
Gain	7 dBi
Vertical beamwidth	30 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	900 MHz
Frequency range	900 MHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 2.00

Connection data

Connection technology

Connection method	N (female)
Outside diameter	38 mm ... 57 mm (Mast)

Dimensions

Width	0.3 cm
Height	60.9 cm

External dimensions

Outside diameter	38 mm ... 57 mm (Mast)
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Material specifications

Material	galvanized sheet steel
	V2A

Cable/line

Connecting cable	no
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Environmental and real-life conditions

Ambient conditions

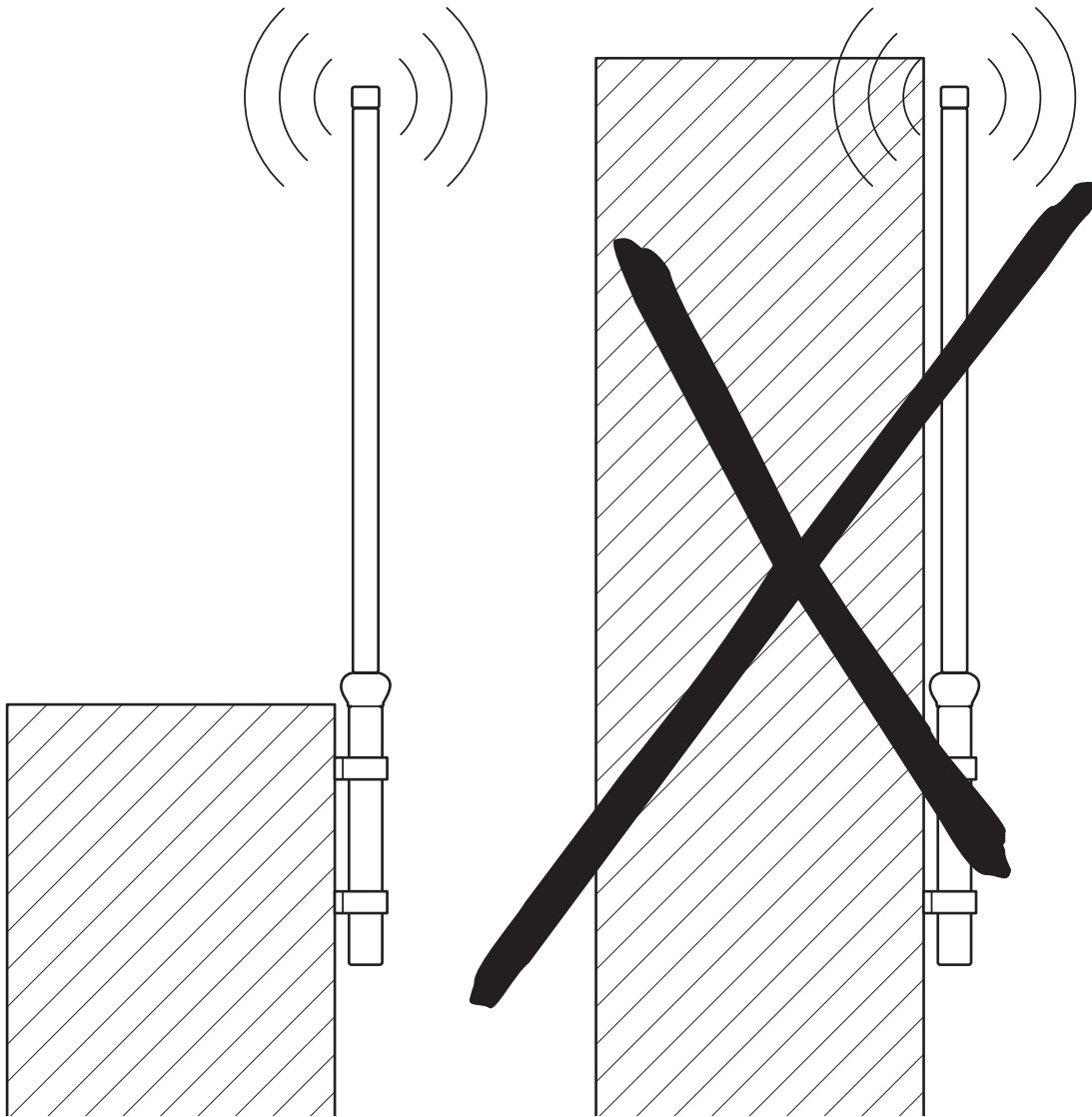
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C
Wind velocity	12.34568 km/h

Mounting

Mounting type	Mast mounting or panel mounting
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Drawings

Schematic diagram



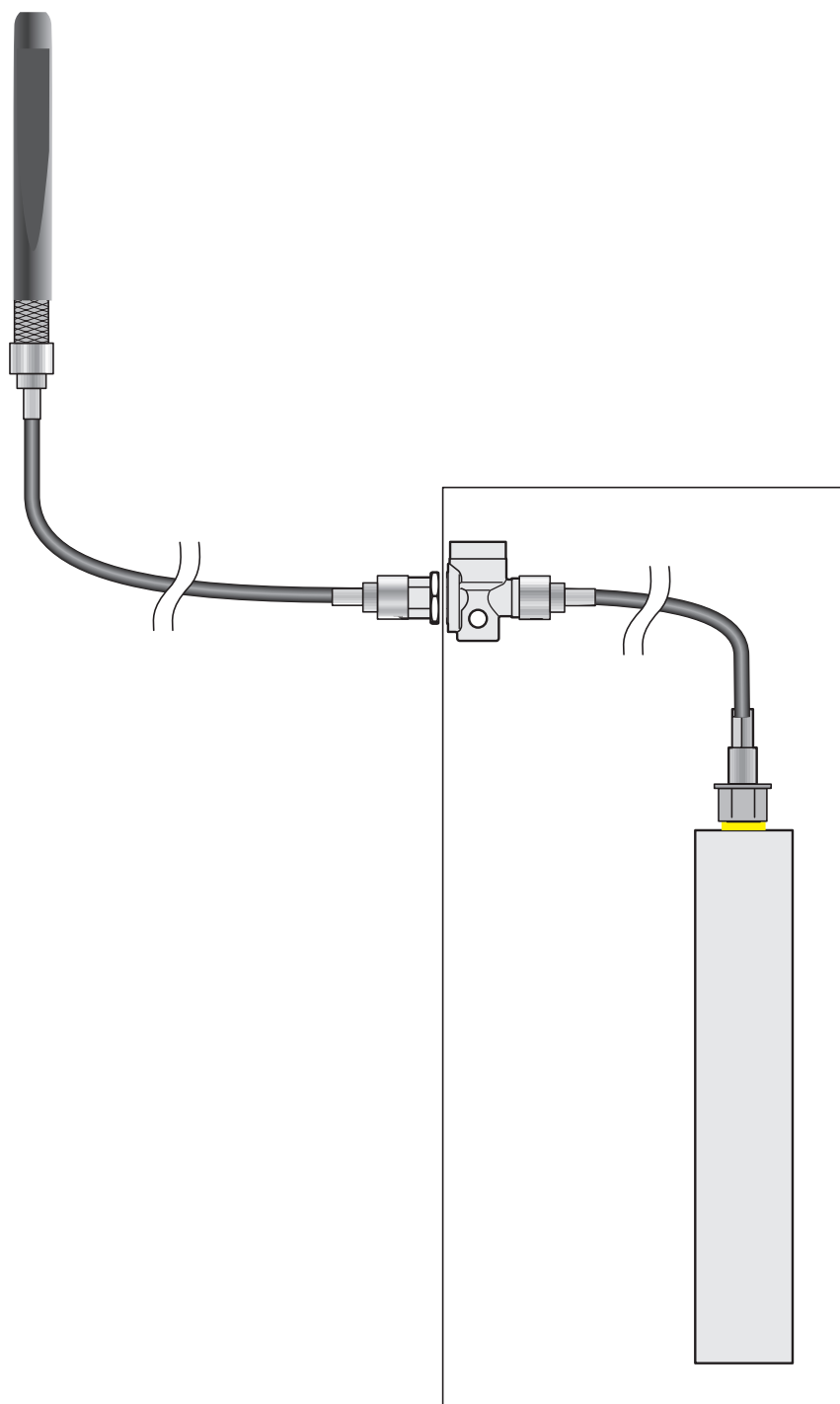
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Schematic diagram



Installation example

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Classifications

UNSPSC

UNSPSC 21.0	43223100
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Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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