

RAD-ISM-2400-ANT-PAN- 8-0 - Antenna



2867610

<https://www.phoenixcontact.com/us/products/2867610>

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Directional antenna, 2.4 GHz, gain: 8 dBi, polarization: linear, opening angle: h/v 75°/70°, degree of protection: IP55, connection: SMA (female), incl. mounting bracket and mast clips



Your advantages

- For large distances
- For stationary or linear mobile applications
- For point-to-point connections

Commercial data

Item number	2867610
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2Z1
GTIN	4017918938994
Weight per piece (including packing)	155.9 g
Weight per piece (excluding packing)	147.6 g
Customs tariff number	85177000
Country of origin	PL

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Technical data

Product properties

Product type	Antenna
Gain	8 dBi
Vertical beamwidth	70 °
Horizontal beamwidth	75 °
Polarization	Linear vertical

Electrical properties

Frequency band	2.4 GHz
Frequency range	2.3 GHz ... 2.8 GHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 1.50

Connection data

Connection technology

Connection method	SMA (female)
Outside diameter	40 mm ... 60 mm (Mast)

Dimensions

Width	80 mm
Height	100 mm
Length	20 mm

External dimensions

Outside diameter	40 mm ... 60 mm (Mast)
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Material specifications

Material	ASA
	V2A
	V2A

Cable/line

Connecting cable	no
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP55
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C
Wind velocity	12.34568 km/h (Has a force of 15 N)

Mounting

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Mounting type	Mast mounting or panel mounting
Assembly note	any

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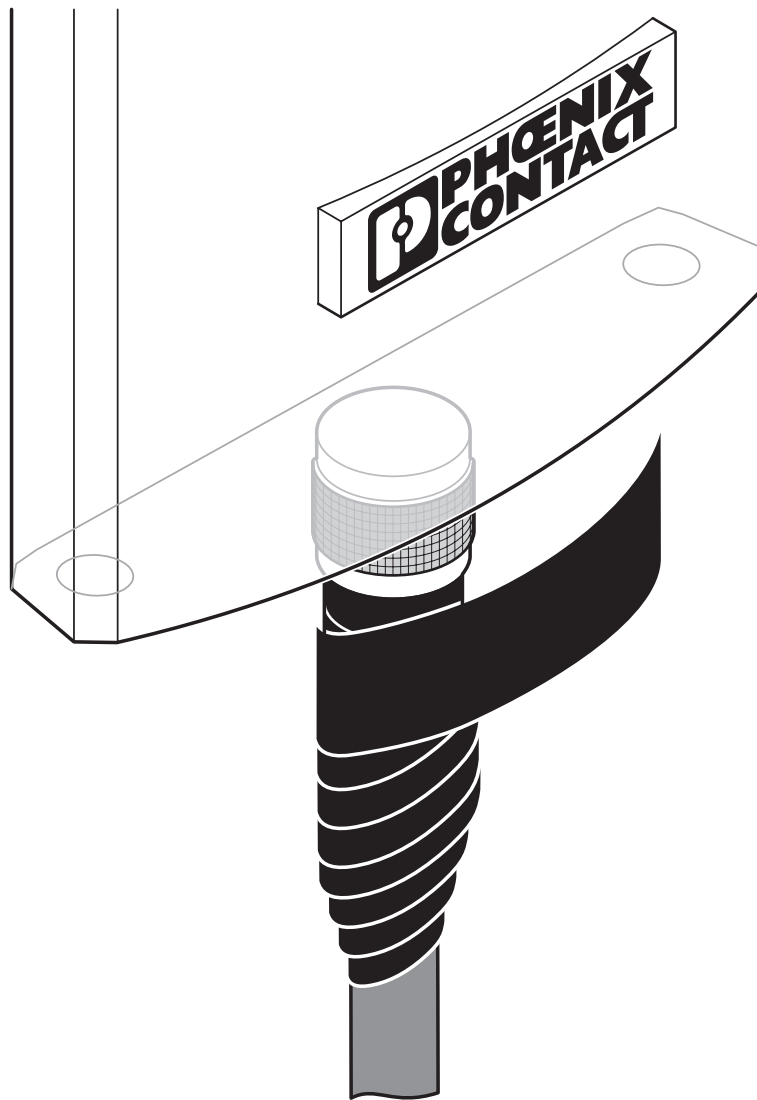
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Drawings

Schematic diagram



Sealing tape available as an accessory

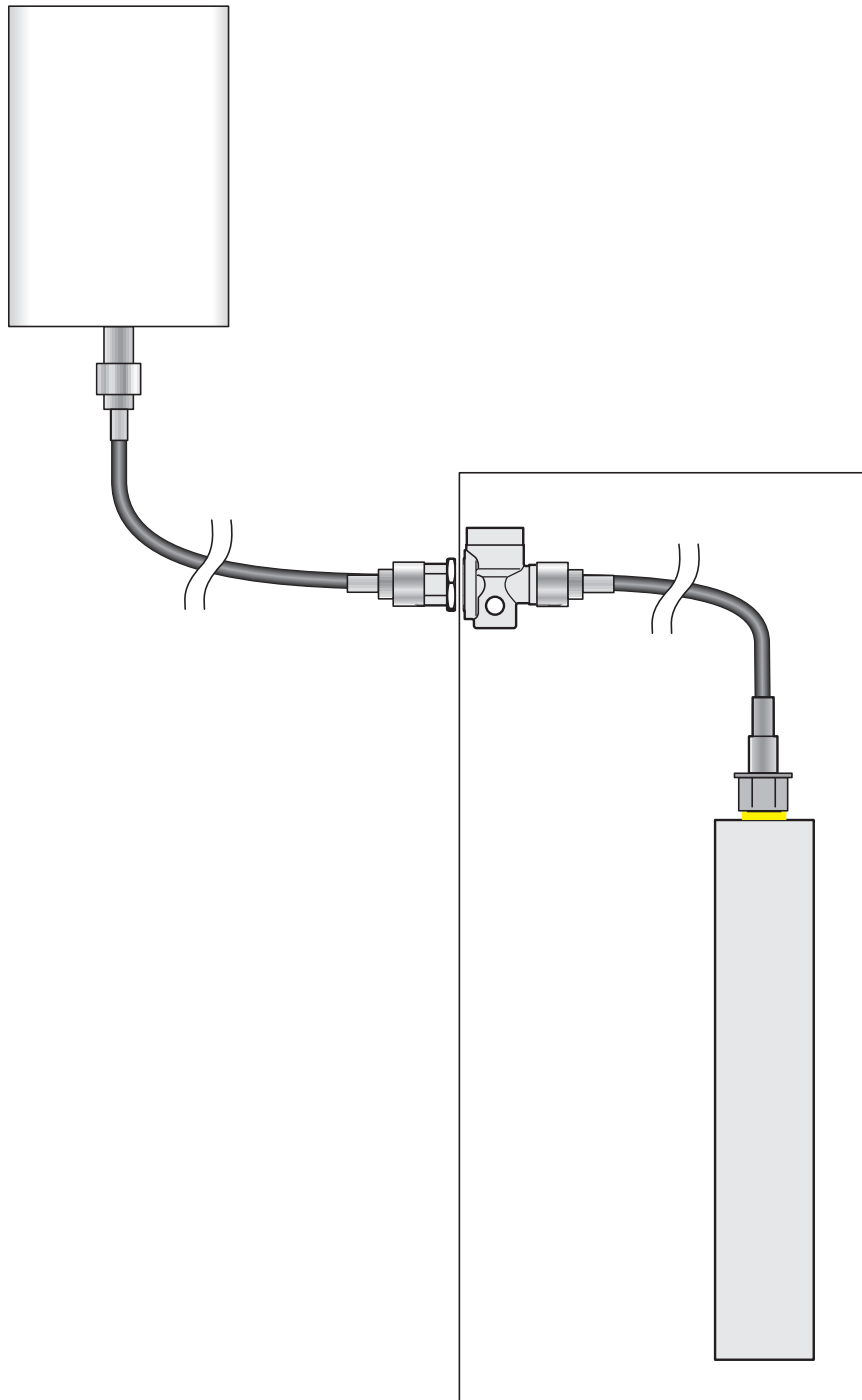
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Schematic diagram



Installation example

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Classifications

UNSPSC

UNSPSC 21.0	43221715
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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-25
	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)
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