

# 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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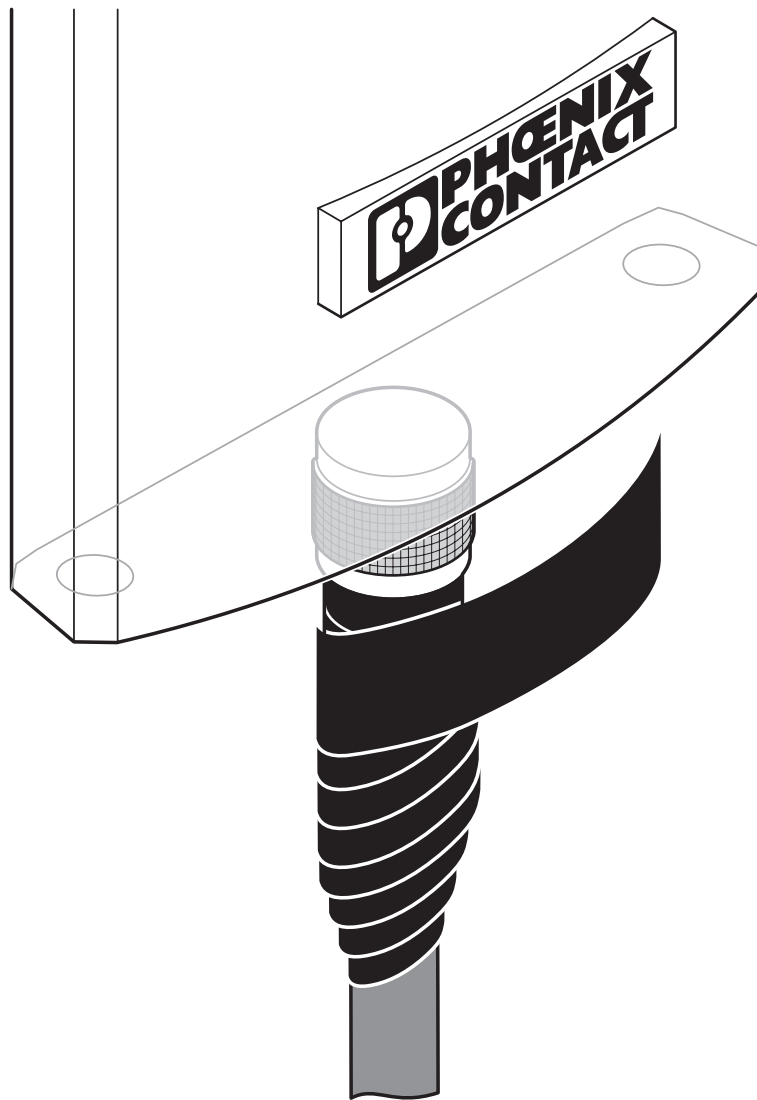


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## Drawings

Schematic diagram



Sealing tape available as an accessory

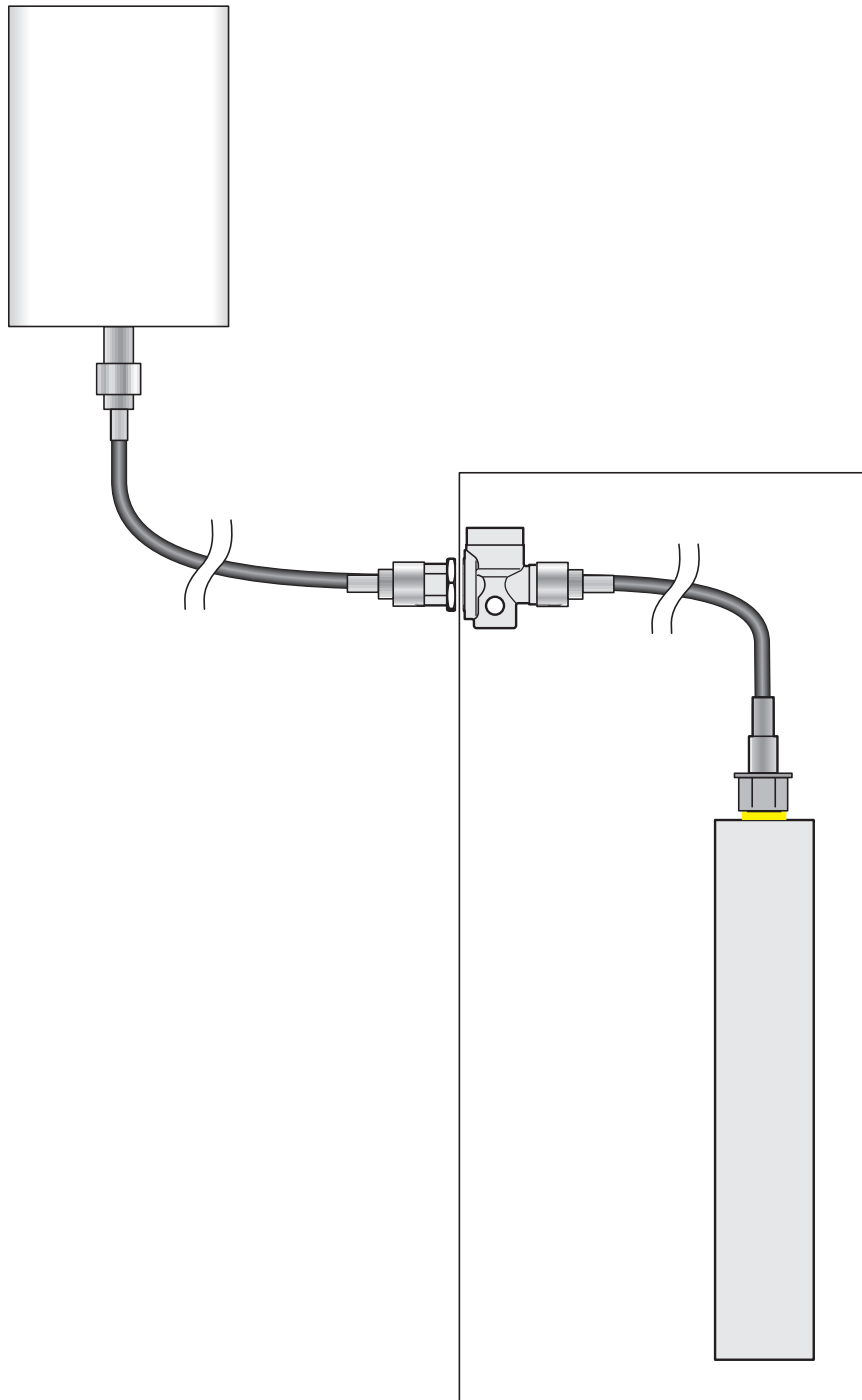
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Schematic diagram



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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