

RAD-ISM-2400-ANT-OMNI-5-0 - Antenna



2884923

<https://www.phoenixcontact.com/us/products/2884923>

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Omnidirectional antenna, 2.4 GHz, gain: 5 dBi, polarization: linear, opening angle: h/v 360°/45°, degree of protection: IP55, connection: SMA (male)

Your advantages

- For freely mobile applications
- For multipoint or mesh connections

Commercial data

Item number	2884923
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2Z1
GTIN	4046356173131
Weight per piece (including packing)	39 g
Weight per piece (excluding packing)	38.6 g
Customs tariff number	85177000
Country of origin	TW

Technical data

Product properties

Product type	Antenna
Gain	5 dBi
Vertical beamwidth	45 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	2.4 GHz
Frequency range	2.4 GHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 2.00

Connection data

Connection technology

Connection method	SMA (male)
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Dimensions

Width	13 mm
Height	187 mm

Material specifications

Material	Polyurethane
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Cable/line

Connecting cable	no
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP55
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-20 °C ... 65 °C

Mounting

Mounting type	Panel mounting
	Mast mounting

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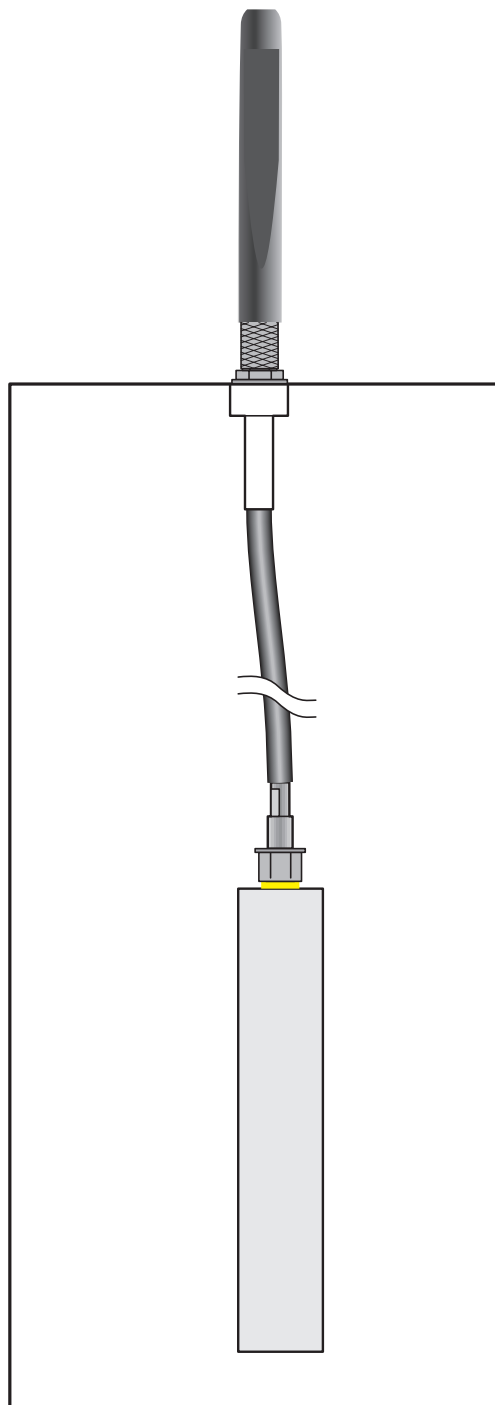


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Drawings

Schematic diagram



Installation example

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Classifications

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-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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