RAD-ISM-900-ANT-OMNI-0-6 - Antenna

2867160

https://www.phoenixcontact.com/us/products/2867160

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Omnidirectional antenna, 900 MHz, gain: 2 dBi, polarization: linear, opening angle: h 360°, degree of protection: IP65, connection: MCX (male), incl. 2 m / 6.5 ft. connecting cable and mounting bracket for panel mounting

Your advantages

- For multipoint or mesh connections
- For freely mobile applications

Commercial data

Item number	2867160
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Weight per piece (excluding packing)	312 g
Customs tariff number	85177000
Country of origin	US

Technical data

Product properties

Product type	Antenna
Gain	2.15 dBi
Vertical beamwidth	N/A
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	MCX (male)

Dimensions

Width	0.3 cm
Height	8.9 cm

Material specifications

Material	V2A
	V2A

Cable/line

Connecting cable	yes

Environmental and real-life conditions

Ambient conditions

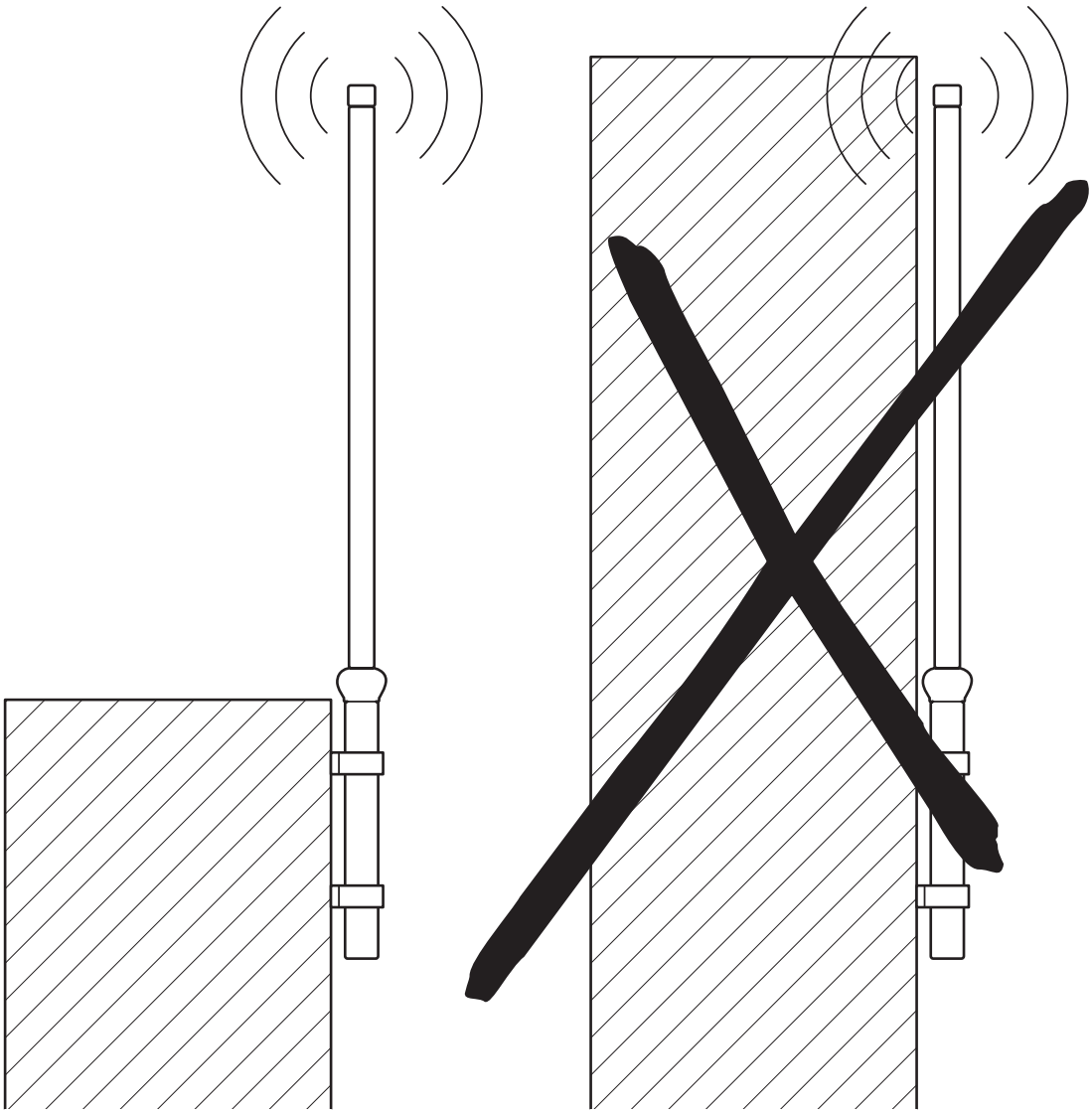
Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 75 °C

Mounting

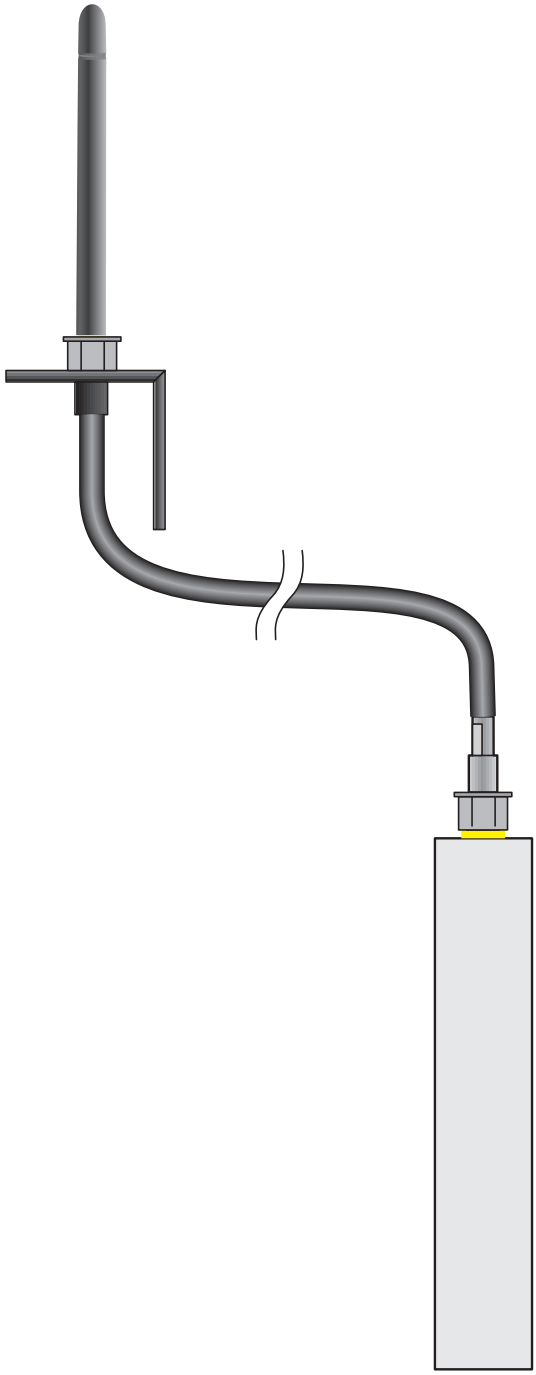
Mounting type	Mast mounting

Drawings

Schematic diagram



Schematic diagram



Installation example

Classifications

UNSPSC

UNSPSC 21.0	43221715

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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