

RAD-ISM-2400-ANT-OMNI-2-1-RSMA - Antenna



2701362

<https://www.phoenixcontact.com/us/products/2701362>

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Omnidirectional antenna for wall mounting, frequency band: 2.4 GHz, gain: 2 dBi, degree of protection: IP65, connection: RSMA (male), incl. 1.5 m connecting cable, mounting bracket, and mounting material

Your advantages

- Ideally suited for freely mobile or stationary 2.4 GHz applications
- Including 1.5 m connecting cable

Commercial data

Item number	2701362
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNN2Z1
Catalog page	Page 388 (C-6-2019)
GTIN	4046356743471
Weight per piece (including packing)	91 g
Weight per piece (excluding packing)	70 g
Customs tariff number	85177100
Country of origin	TW

Technical data

Product properties

Product type	Antenna
Radiation characteristics	Omnidirectional
Gain	2 dBi
Vertical beamwidth	75 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	2.4 GHz
Frequency range	2.4 GHz ... 2.5 GHz
Impedance	50 Ω
Maximum capacity	1.00 W

Connection data

Connection technology

Connection method	RSMA (male)
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Dimensions

Height	82.5 mm
Diameter	7.8 mm

Material specifications

Material	Polyurethane
	Polycarbonate PC
	V2A
Outer sheath, material	Fluorinated ethylene propylene (FEP)

Cable/line

Cable length	1.50 m
Connecting cable	yes
External cable diameter	2.50 mm
Outer sheath, material	Fluorinated ethylene propylene (FEP)
Smallest bending radius, fixed installation	25.4 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-30 °C ... 75 °C

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Mounting

Mounting type	Wall mounting
Assembly instructions	Outdoors and indoors
Connection method	RSMA (male)

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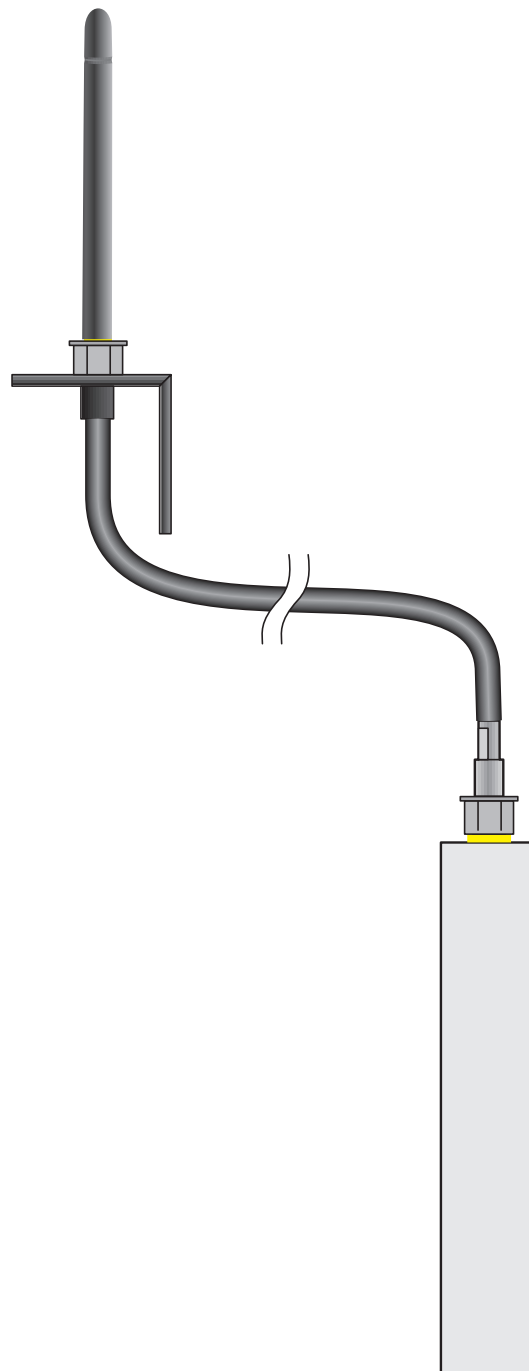
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Drawings

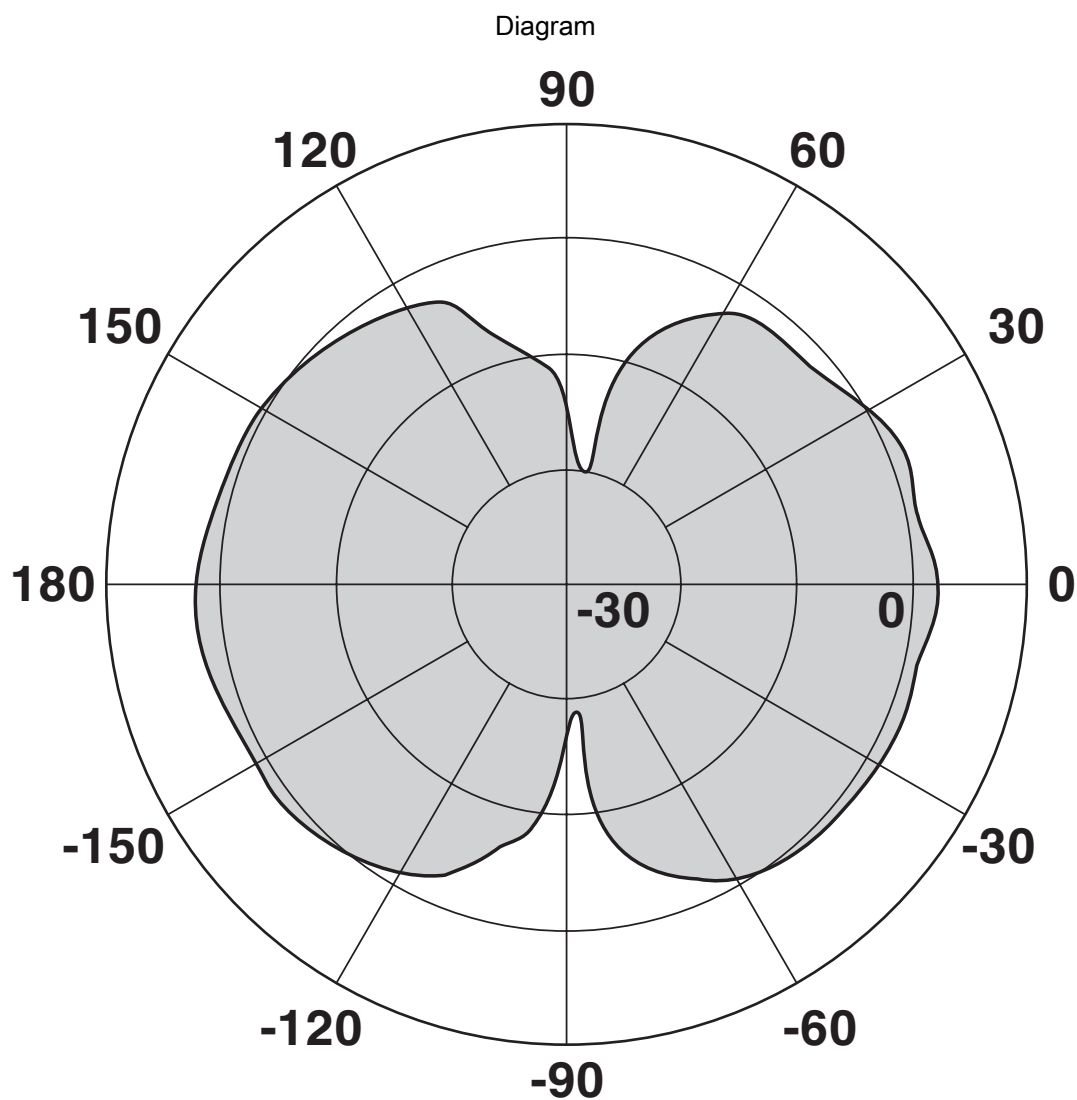
Schematic diagram



Installation example

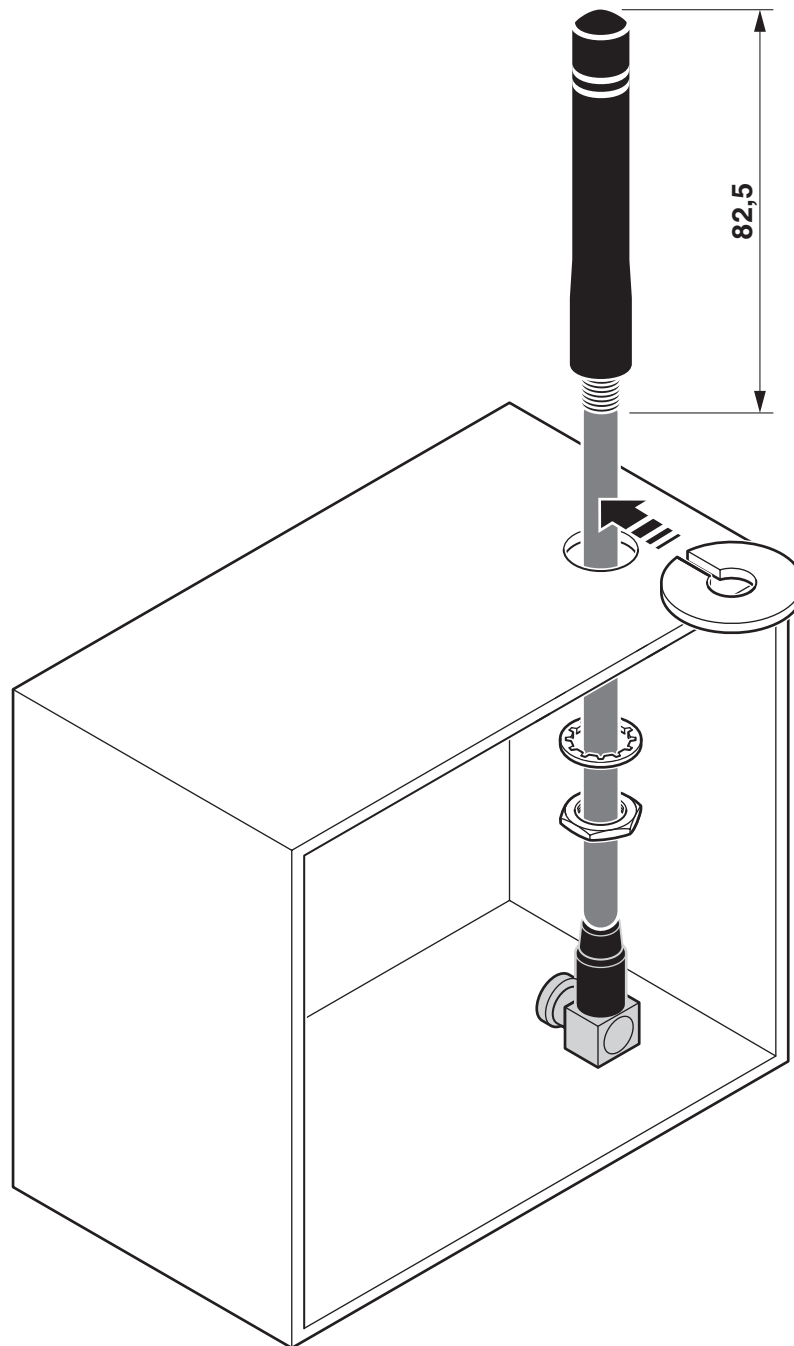
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Vertical

Schematic diagram

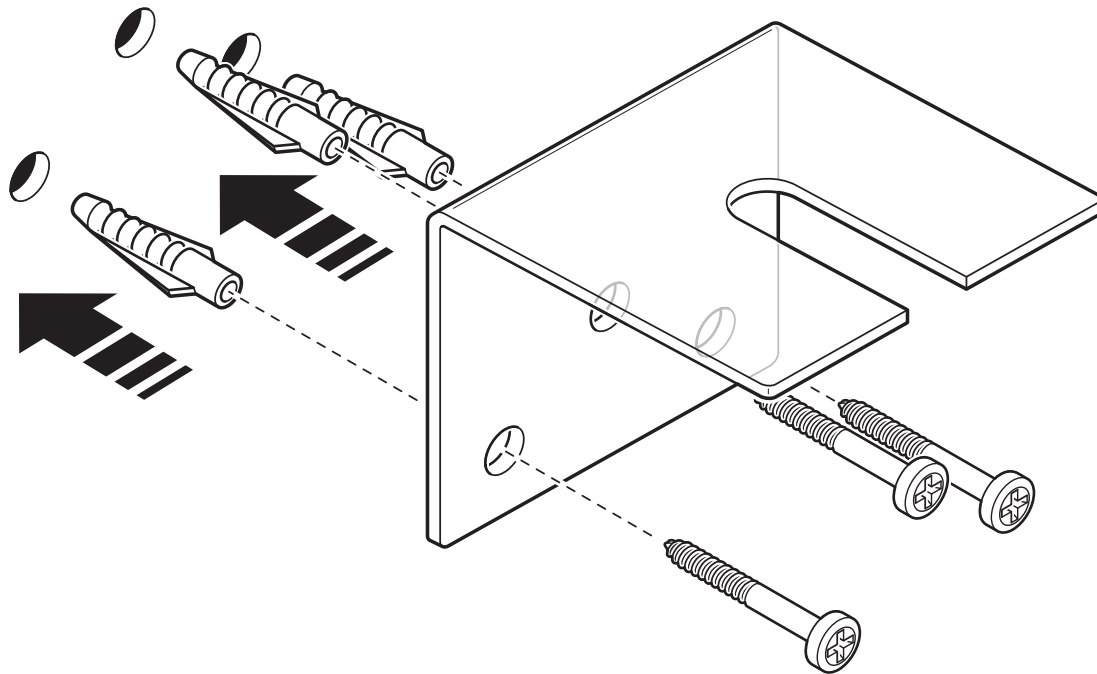


Mounting on the control cabinet

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Schematic diagram



Wall mounting

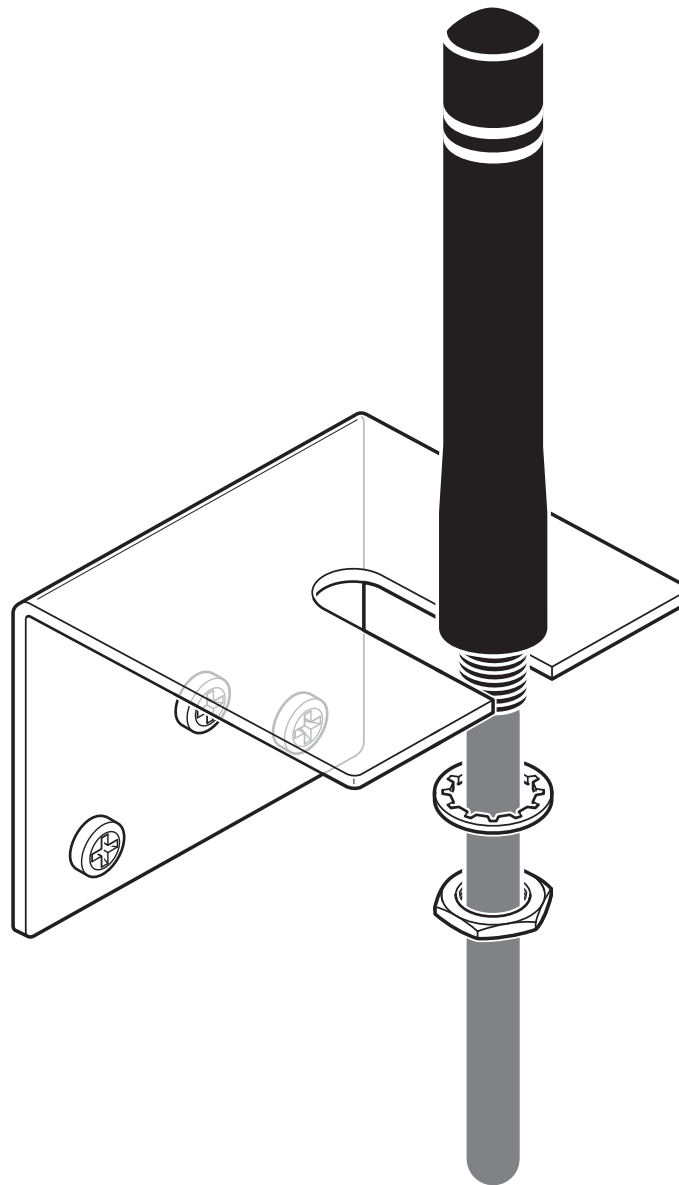
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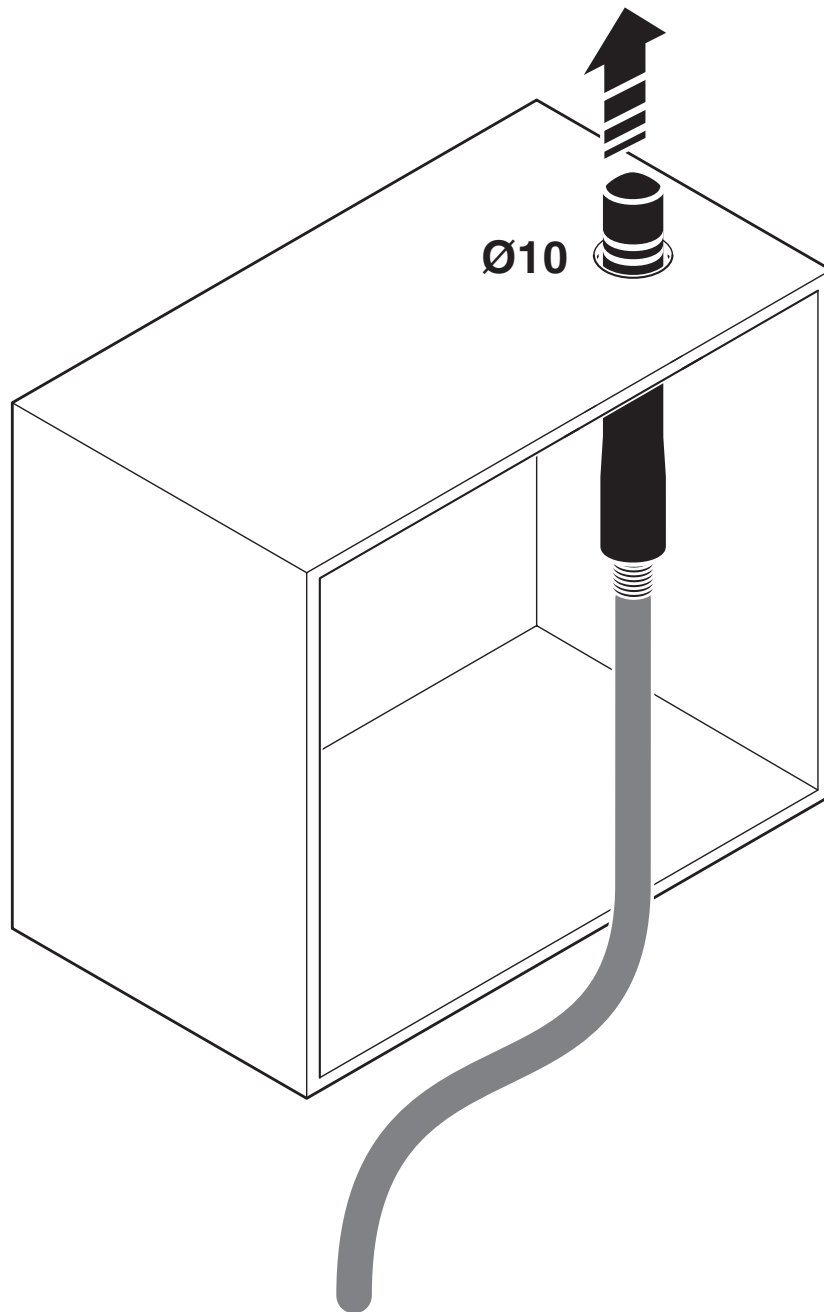
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Schematic diagram



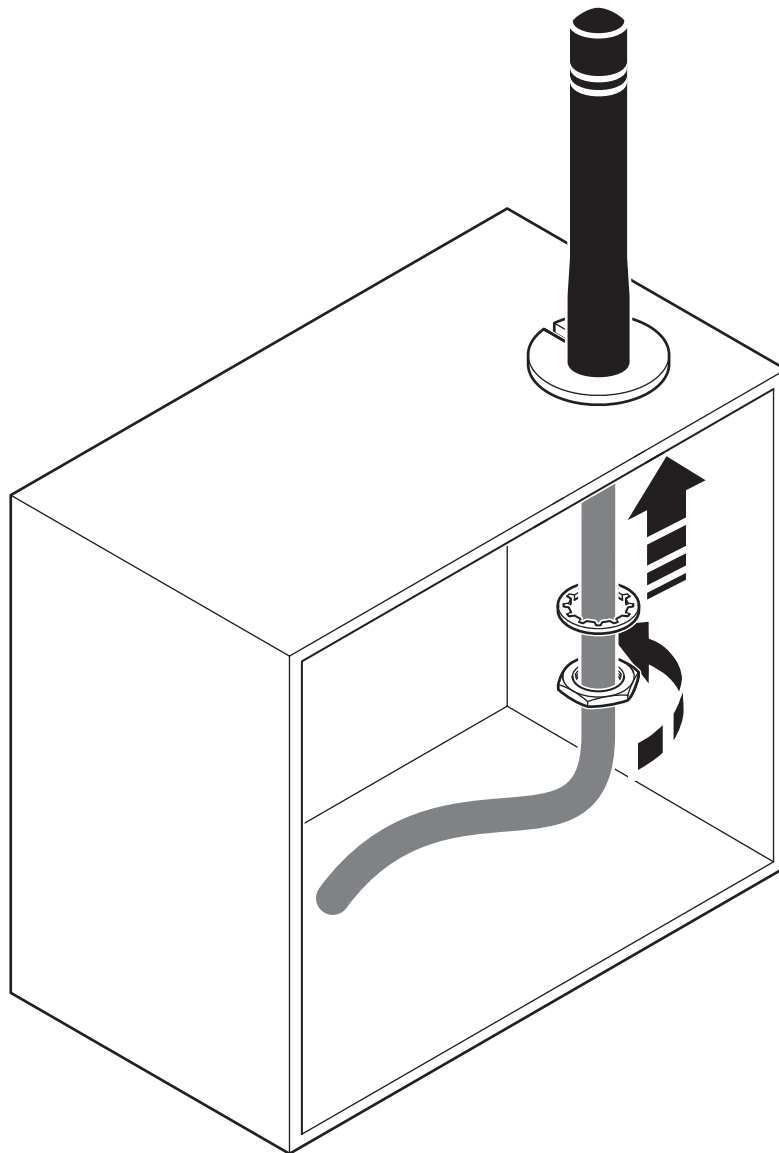
Wall mounting

Schematic diagram



Control cabinet feed-through

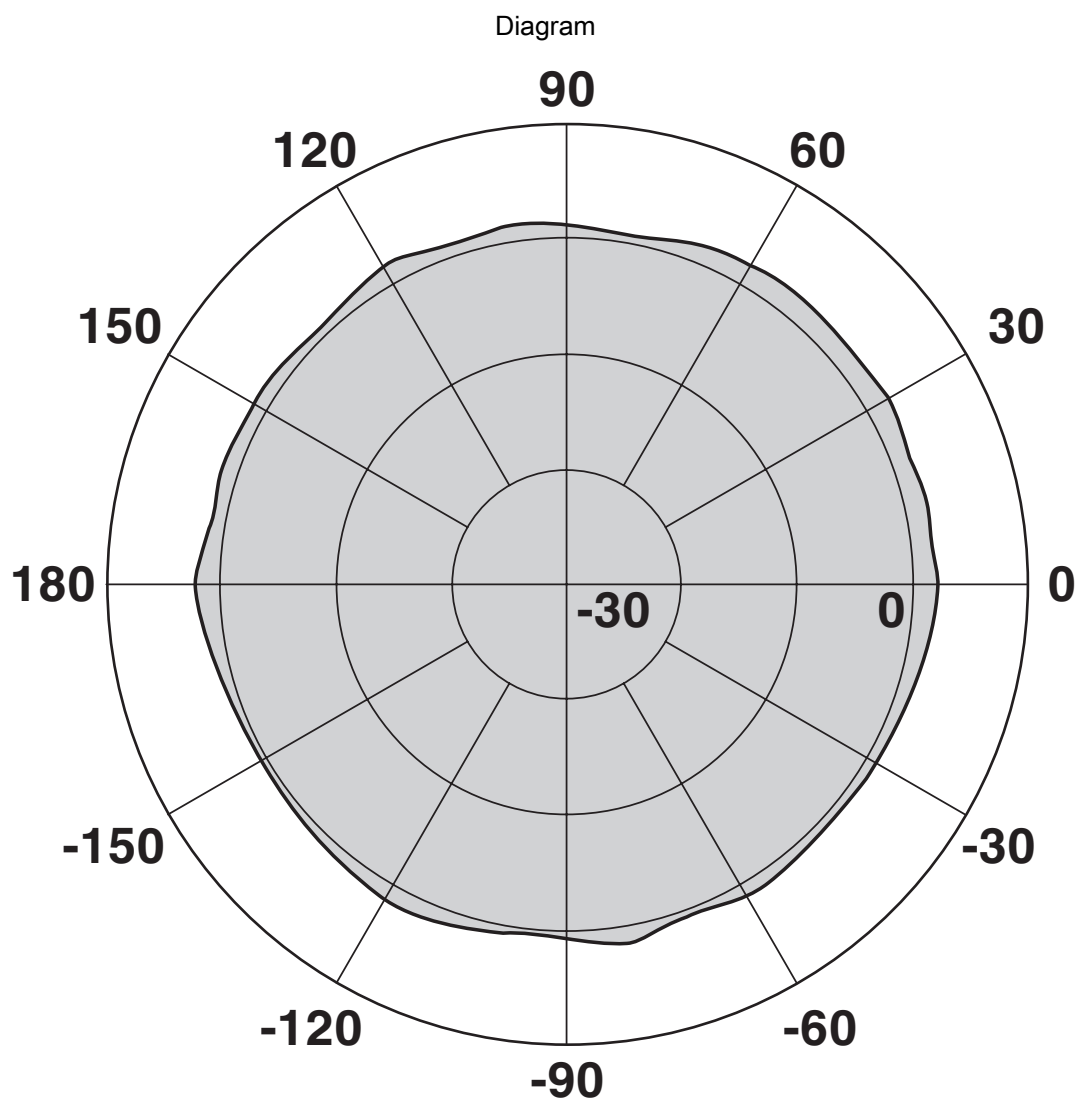
Schematic diagram



Mounting on the control cabinet

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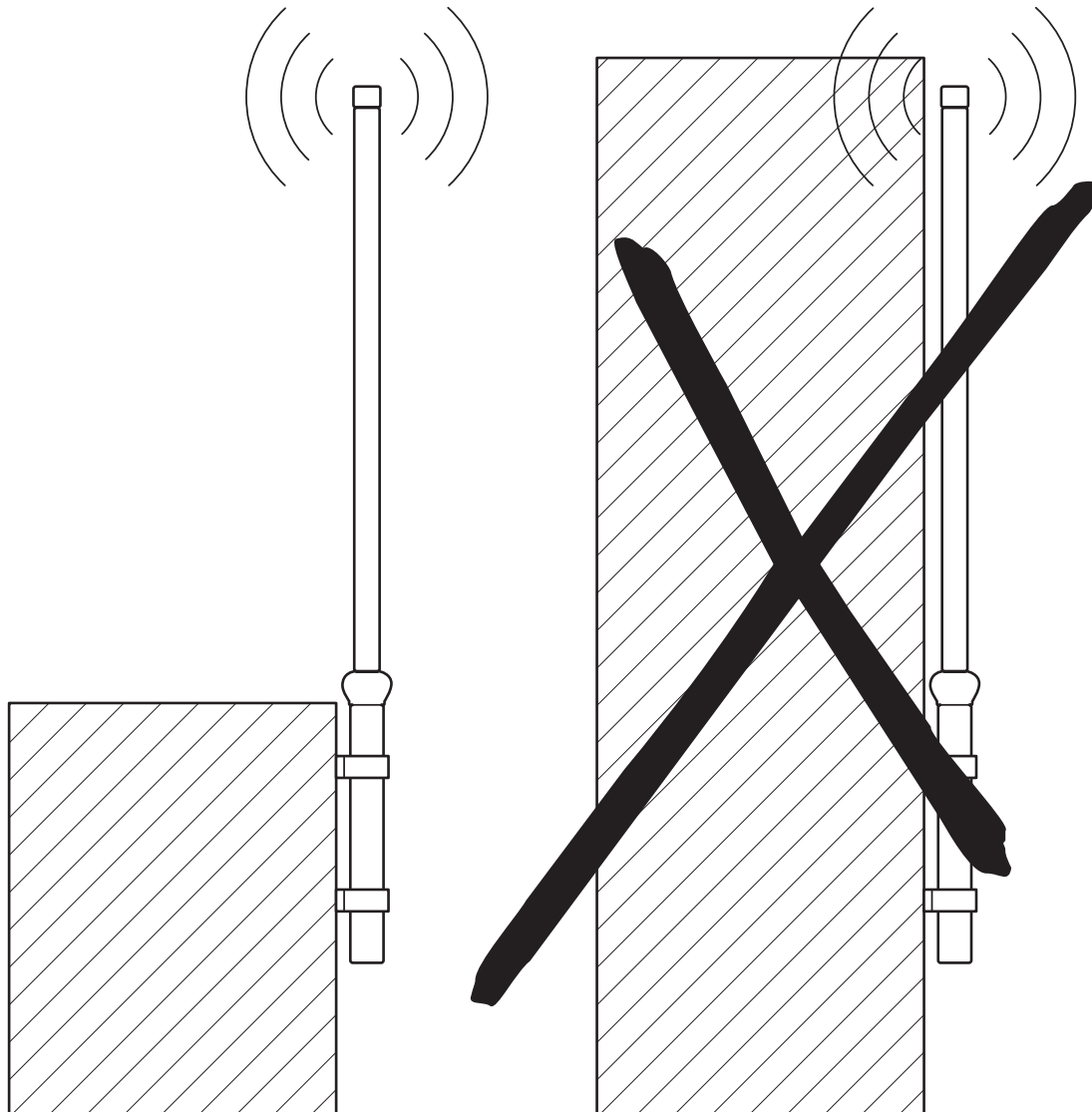
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Schematic diagram



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Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 8.0	EC001698
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UNSPSC

UNSPSC 21.0	43223100
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25;
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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