

Antenna - ANT-OMNI-2459-02 - 2701408

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Omnidirectional antenna, 2.4 GHz/5 GHz, gain: 2.5 dBi/5 dBi, polarization: linear, opening angle: h/v 360°/30°/16°, degree of protection: IP68, connection: N (male), corresponding connecting cable for control cabinet feed-through (Order No. 2701402)

Your advantages

- For freely mobile applications
- For multipoint or mesh connections

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 746731
GTIN	4046356746731

Technical data

Dimensions

Length	180 mm
Diameter	23 mm

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

General

With connecting cable	No
Frequency range	2.4 GHz
	5 GHz
	2.4 GHz ... 2.5 GHz
	5.15 GHz ... 5.83 GHz
Horizontal beamwidth	360 ° (at 2.4 GHz)

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Technical data

General

	360 ° (at 5 GHz)
Vertical beamwidth	30 ° (at 2.4 GHz)
	16 ° (at 5 GHz)
Polarization	Linear vertical
Impedance	50 Ω
Gain	2.5 dBi (2.4 GHz)
	5 dBi (5 GHz)
Connection method	N (male)
Material	ABS-PC (Antenna housing)
Mounting type	Control cabinet
Assembly instructions	Accessories required

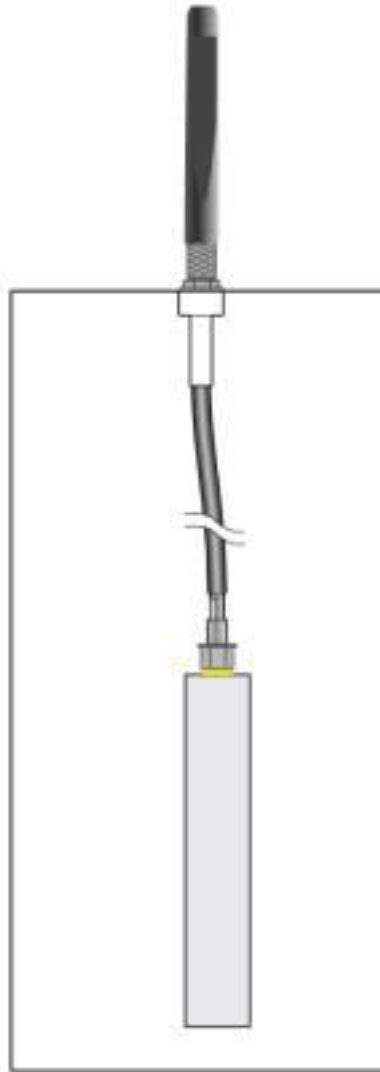
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

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Schematic diagram



Installation example

Classifications

eCl@ss

eCl@ss 10.0.1	19070105
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	19070105
eCl@ss 8.0	19070105

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Classifications

eCl@ss

eCl@ss 9.0	19070105
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ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC000416
ETIM 5.0	EC001698
ETIM 6.0	EC001698
ETIM 7.0	EC001698

UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	43221715
UNSPSC 18.0	43221715
UNSPSC 19.0	43221715
UNSPSC 20.0	43221715
UNSPSC 21.0	43221715

Accessories

Necessary add-on products

Antenna cable - RAD-PIG-EF316-N-RSMA - 2701402



Antenna cable for control cabinet feed-through, outside diameter: 3.2 mm (0.126 in.), inner conductor: stranded, attenuation: 0.6 / 0.9 / 1.4 dB at 0.9 / 2.4 / 5.8 GHz, connection: N (female) -> RSMA (male), cable length: 0.5 m (1.6 ft.)

Additional products

Adapter - RAD-ADP-N/F-N/F - 2867843



Antenna adapter for control cabinet feed-through, frequency range: 0.3 GHz ... 6 GHz, degree of protection: IP65, connection: 2 x N (female)

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