

# Antenna - RAD-ISM-2400-ANT-OMNI-6-0 - 2885919

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Omnidirectional antenna, 2.4 GHz, gain: 6 dBi, polarization: linear, opening angle: h/v 360°/30°, degree of protection: IP67, seawater-resistant, connection: N (female), incl. mounting bracket and mast clips, ATEX and IECEx approval




## Your advantages

- For use in potentially explosive areas
- Salt water resistant
- For medium distances
- For freely mobile applications
- For multipoint or mesh connections



## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 146319
GTIN	4046356146319

## Technical data

### Dimensions

Width	22 mm
Height	250 mm

### Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 75 °C

### General

With connecting cable	No
Frequency range	2.4 GHz
	2.4 GHz ... 2.5 GHz
Horizontal beamwidth	360 °

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## Technical data

### General

Vertical beamwidth	30 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	6 dBi
Connection method	N (female)
Conformance	CE-compliant
ATEX	# II 1G Ex ia IIC T6 Ga
IECEX	Ex ia IIC T6 Ga
Material	Fiberglass-reinforced plastic (Antenna housing)
	V2A (Bracket)
	V2A (Mast clip)
Mounting type	Mast mounting or wall mounting
External diameter	25 mm ... 100 mm (Mast)

### Standards and Regulations

Standards/regulations	EN 60079-0
	EN 60079-11
	EN 60079-26
Conformance	CE-compliant
ATEX	# II 1G Ex ia IIC T6 Ga
IECEX	Ex ia IIC T6 Ga

### Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 25;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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