

# Antenna - RAD-ISM-900-ANT-OMNI-FG-6-N - 2885579

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Omnidirectional antenna, 900 MHz, gain: 8 dBi, polarization: linear, opening angle: h/v 360°/15°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips



## Your advantages

- For freely mobile applications
- For multipoint or mesh connections

## Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 149471
GTIN	4046356149471
Weight per Piece (excluding packing)	4,535.920 g
Custom tariff number	85177000
Country of origin	United States

## Technical data

### Dimensions

Width	6.05 cm
Height	180.34 cm

### Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-40 °C ... 80 °C

### General

With connecting cable	No
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## Technical data

### General

Frequency range	900 MHz
	900 MHz
Horizontal beamwidth	360 °
Vertical beamwidth	15 °
Polarization	Linear vertical
Impedance	50 Ω
Gain	8 dBi
Wind velocity	201 km/h
Connection method	N (female)
Material	Fiberglass-reinforced plastic (Antenna housing)
	V2A (Bracket)
	V2A (U-shaped screw)
Mounting type	Mast mounting
External diameter	38 mm ... 60 mm (Mast)

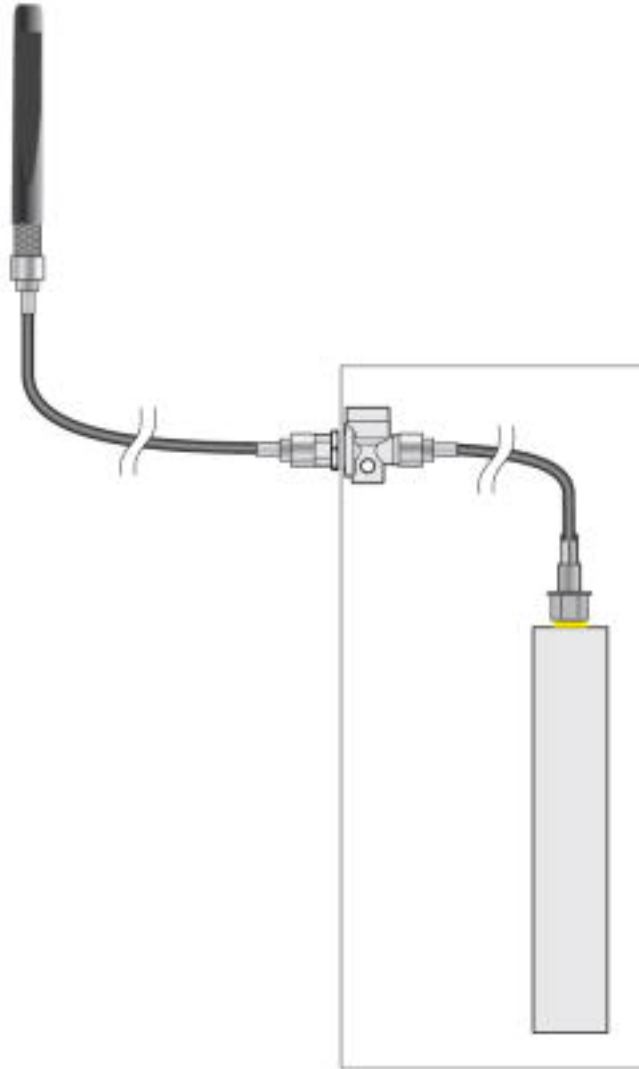
### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Drawings

# Antenna - RAD-ISM-900-ANT-OMNI-FG-6-N - 2885579

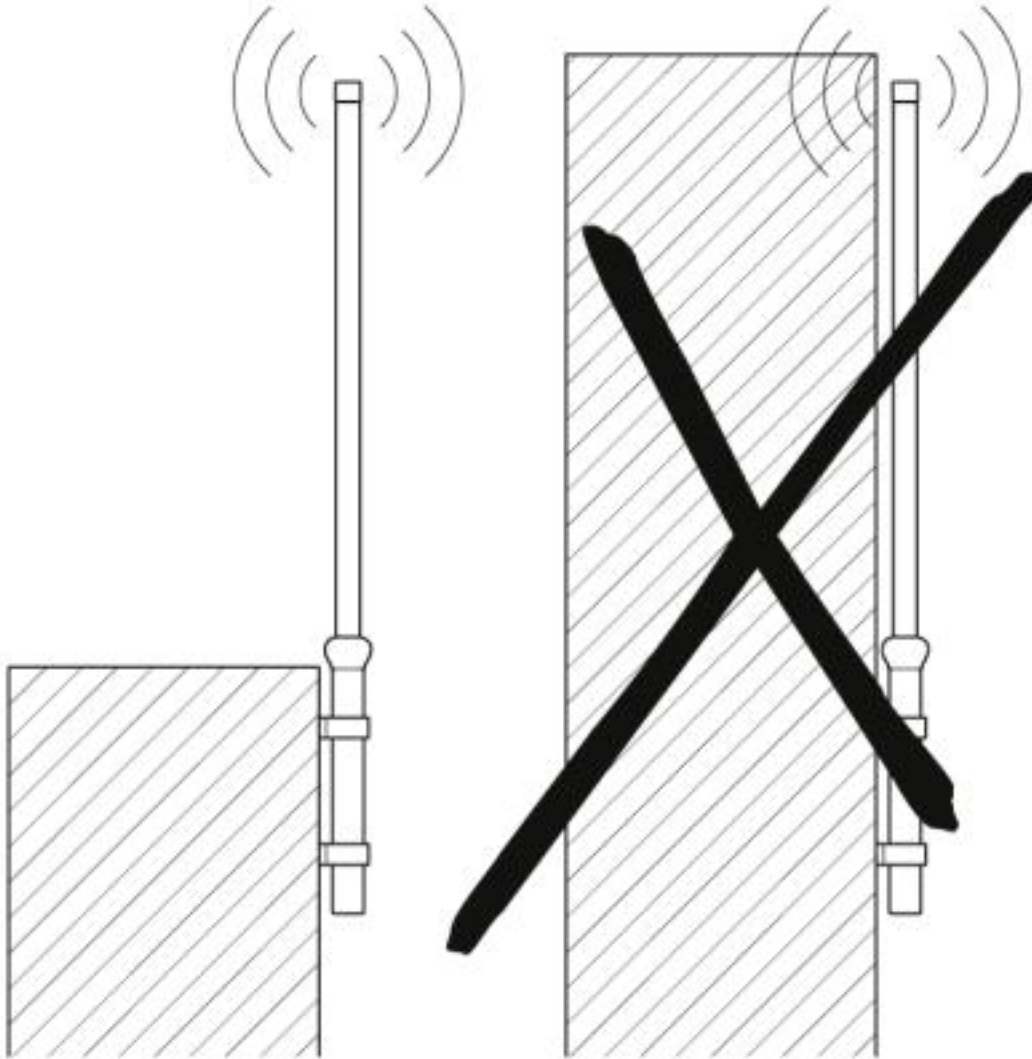
Schematic diagram



Installation example

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Schematic diagram



## Classifications

eCl@ss

eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	19070100
eCl@ss 5.1	19070100
eCl@ss 6.0	19070100
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 2.0	EC000416
ETIM 3.0	EC001698
ETIM 4.0	EC001698
ETIM 5.0	EC001698
ETIM 6.0	EC001698
ETIM 7.0	EC001698

### UNSPSC

UNSPSC 6.01	43171611
UNSPSC 7.0901	43221706
UNSPSC 11	43171611
UNSPSC 12.01	43221706
UNSPSC 13.2	43221715