

# RAD-ISM-900-ANT-OMNI-RPSMA - Antenna



2885676

<https://www.phoenixcontact.com/us/products/2885676>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Omnidirectional antenna, 900 MHz, gain: 2 dBi, polarization: linear, degree of protection: IP55, connection: RSMA (male)

## Your advantages

- For multipoint or mesh connections
- For freely mobile applications

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2885676                        |
| Packing unit                         | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | NULL                           |
| Product key                          | DNC6A3                         |
| GTIN                                 | 4046356148962                  |
| Weight per piece (including packing) | 30.2 g                         |
| Weight per piece (excluding packing) | 30.2 g                         |
| Customs tariff number                | 85177000                       |
| Country of origin                    | TW                             |

2885676

<https://www.phoenixcontact.com/us/products/2885676>

## Technical data

### Product properties

|                      |                 |
|----------------------|-----------------|
| Product type         | Antenna         |
| Gain                 | 2 dBi           |
| Vertical beamwidth   | NA              |
| 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 | RSMA (male) |
|-------------------|-------------|

### Material specifications

|          |              |
|----------|--------------|
| Material | Polyurethane |
|----------|--------------|

### Cable/line

|                  |    |
|------------------|----|
| Connecting cable | no |
|------------------|----|

### Environmental and real-life conditions

#### Ambient conditions

|                                 |                  |
|---------------------------------|------------------|
| Degree of protection            | IP55             |
| Ambient temperature (operation) | -20 °C ... 65 °C |

# RAD-ISM-900-ANT-OMNI-RPSMA - Antenna

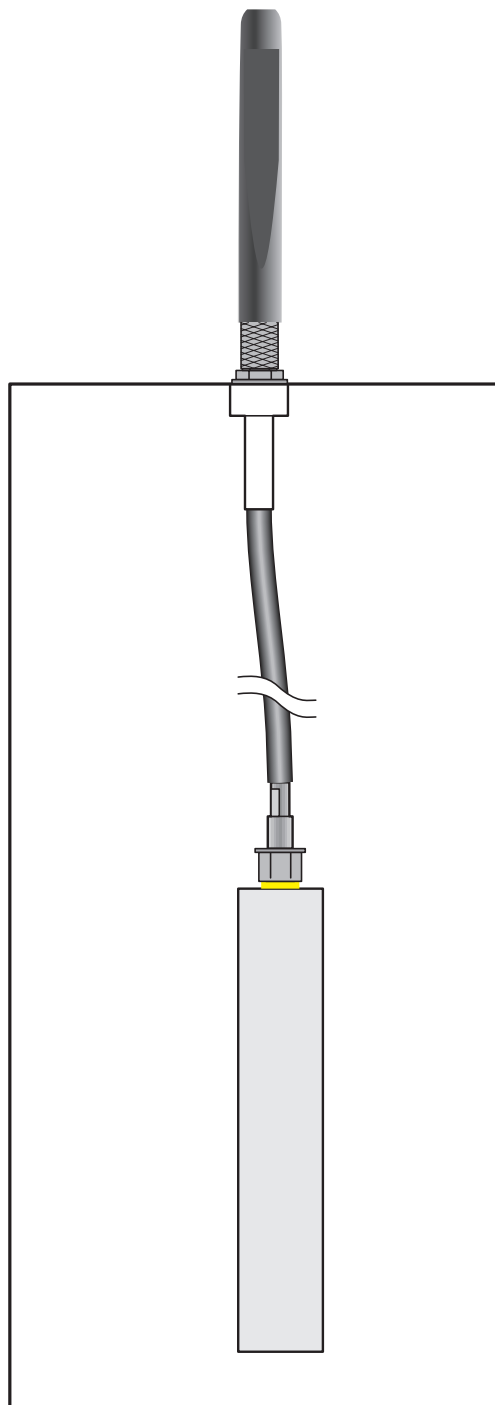


2885676

<https://www.phoenixcontact.com/us/products/2885676>

## Drawings

Schematic diagram



Installation example

2885676

<https://www.phoenixcontact.com/us/products/2885676>

## 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% |
|-------------------------------------|----------------------------|

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)