

RAD-ISM- 900-ANT-OMNI-0-N - Antenna



5604160

<https://www.phoenixcontact.com/us/products/5604160>

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, opening angle: h 360°, connection: N (female), incl. mounting bracket for panel mounting

Your advantages

- For freely mobile applications
- For multipoint or mesh connections

Commercial data

Item number	5604160
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNC6A3
GTIN	4046356288743
Weight per piece (including packing)	115 g
Weight per piece (excluding packing)	115 g
Customs tariff number	85177019
Country of origin	US

5604160

<https://www.phoenixcontact.com/us/products/5604160>

Technical data

Product properties

Product type	Antenna
Gain	2.15 dBi
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	900 MHz
Frequency range	890 MHz ... 960 MHz
Impedance	50 Ω
Voltage standing wave ratio VSWR in a 50 Ω system	≤ 2.00

Connection data

Connection technology

Connection method	N (female)
-------------------	------------

Dimensions

Height	88.9 mm
Diameter	3.175 mm

Material specifications

Material	V2A
	V2A

Cable/line

Cable length	3.00 in.
Cable type	RG-58

Environmental and real-life conditions

Ambient conditions

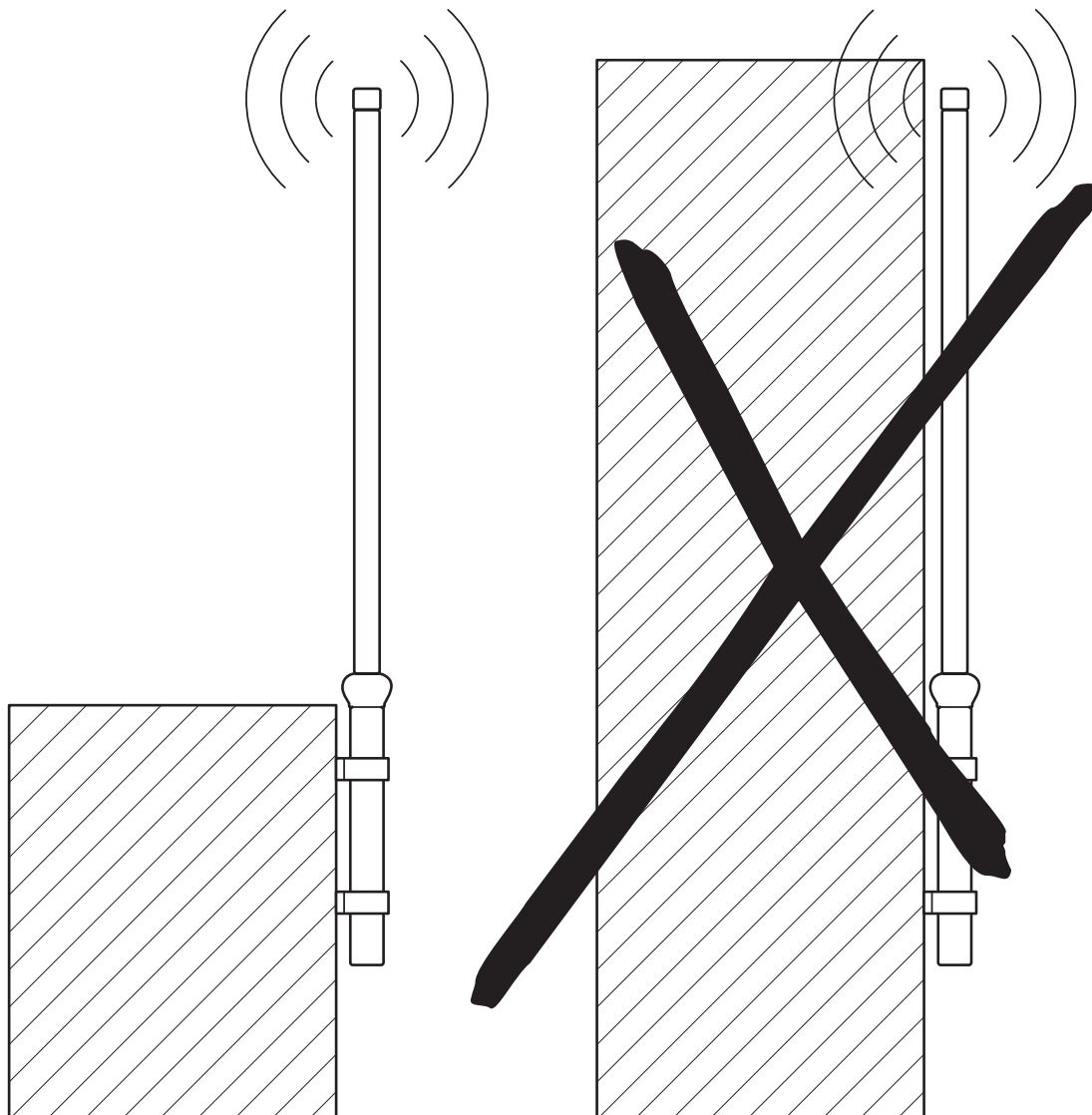
Ambient temperature (operation)	-40 °C ... 75 °C
---------------------------------	------------------

Mounting

Mounting type	Panel mounting
---------------	----------------

Drawings

Schematic diagram

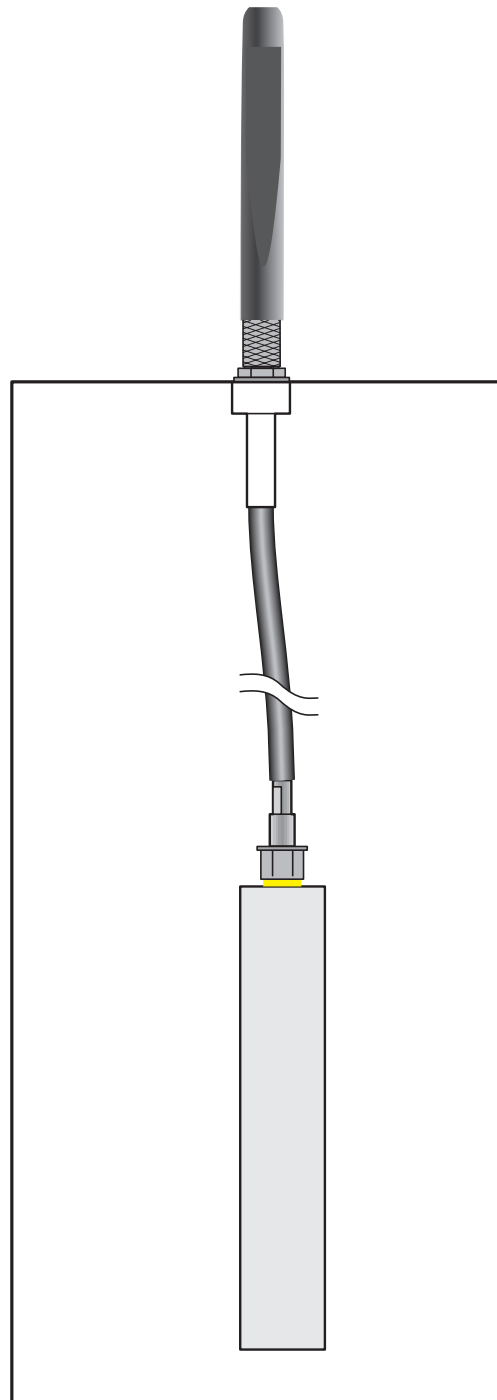


RAD-ISM- 900-ANT-OMNI-0-N - Antenna

5604160

<https://www.phoenixcontact.com/us/products/5604160>

Schematic diagram



Installation example

RAD-ISM- 900-ANT-OMNI-0-N - Antenna



5604160

<https://www.phoenixcontact.com/us/products/5604160>

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