

RAD-ISM-2400-ANT-VAN-3-0-RSMA - Antenna



2701358

<https://www.phoenixcontact.com/us/products/2701358>

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 with protection against vandalism for control cabinet mounting, frequency band: 2.4 GHz, gain: 3 dBi, degree of protection: IP55, shockproof: IK08, connection: RSMA (male), incl. 1.5 m connecting cable

Your advantages

- Ideally suited for freely mobile or stationary 2.4 GHz applications
- Impact-resistant housing
- Including 1.5 m connecting cable

Commercial data

Item number	2701358
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN23
Product key	DNN2Z1
Catalog page	Page 388 (C-6-2019)
GTIN	4046356741750
Weight per piece (including packing)	174.5 g
Weight per piece (excluding packing)	174.5 g
Customs tariff number	85177100
Country of origin	PL

2701358

<https://www.phoenixcontact.com/us/products/2701358>

Technical data

Product properties

Product type	Antenna
Radiation characteristics	Omnidirectional
Gain	3 dBi
Vertical beamwidth	85 °
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

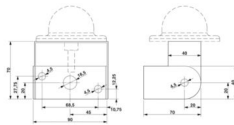
Frequency band	2.4 GHz
Frequency range	2.4 GHz ... 2.5 GHz
Impedance	50 Ω
Maximum capacity	75.00 W

Connection data

Connection technology

Connection method	RSMA (male)
-------------------	-------------

Dimensions

Dimensional drawing	
Height	43 mm
Diameter	86 mm

Material specifications

Material	ASA Aluminum
Flammability rating according to UL 94	V0
Outer sheath, material	RADOX®(LSFH)

Cable/line

Cable length	1.50 m
Connecting cable	yes
External cable diameter	3.20 mm
Outer sheath, material	RADOX®(LSFH)
Smallest bending radius, fixed installation	5 mm

Environmental and real-life conditions

RAD-ISM-2400-ANT-VAN-3-0-RSMA - Antenna



2701358

<https://www.phoenixcontact.com/us/products/2701358>

Ambient conditions

Degree of protection	IP55
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Wind velocity	12.34568 km/h (Has a force of 10 N)

Mounting

Mounting type	Control cabinet
	Wall mounting
Assembly instructions	Optional wall mounting
	Outdoors and indoors

RAD-ISM-2400-ANT-VAN-3-0-RSMA - Antenna



2701358

<https://www.phoenixcontact.com/us/products/2701358>

Classifications

ECLASS

ECLASS-11.0	19070105
ECLASS-12.0	19070105
ECLASS-13.0	19070105

ETIM

ETIM 9.0	EC001698
----------	----------

UNSPSC

UNSPSC 21.0	43223100
-------------	----------

RAD-ISM-2400-ANT-VAN-3-0-RSMA - Antenna



2701358

<https://www.phoenixcontact.com/us/products/2701358>

Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 25; For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

Phoenix Contact 2024 © - 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