

RAD-ISM-2459-ANT-FOOD-6-0 - Antenna



2692526

<https://www.phoenixcontact.com/us/products/2692526>

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.

Dual band omnidirectional antenna with protection against vandalism; IP68 protection; frequency band/gain: 2.4 GHz/up to 6 dBi, 5 GHz/up to 8 dBi; EN 50155; temperature range: -40°C to +80°C; N (f) connection; 1 m long adapter cable, N (m) - SMA (m) connection.



Your advantages

- As a dual band antenna
- Rugged design

Commercial data

Item number	2692526
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	DN23
Product key	DNN2Z1
GTIN	4046356335850
Weight per piece (including packing)	323.3 g
Weight per piece (excluding packing)	323.3 g
Customs tariff number	85177000
Country of origin	PL

2692526

<https://www.phoenixcontact.com/us/products/2692526>

Technical data

Product properties

Product type	Antenna
Gain	6 dBi (2.4 GHz, when mounted on metal surface)
	3 dBi (2.4 GHz, no metal surface)
	8 dBi (5.6 GHz, when mounted on metal surface)
	5 dBi (5.6 GHz, no metal surface)
Horizontal beamwidth	360 °
Polarization	Linear vertical

Electrical properties

Frequency band	2.4 GHz
	5 GHz
Frequency range	2.4 GHz
	5.15 GHz ... 5.83 GHz
Impedance	50 Ω

Connection data

Connection technology

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

Dimensions

Height	51 mm
Diameter	92 mm

Material specifications

Housing material	Aluminum, HRA 150
Outer sheath, material	RADOX®(LSFH)

Cable/line

Cable length	1.00 m
Connecting cable	yes
Cable type	EF 142
External cable diameter	5.00 mm
Outer sheath, material	RADOX®(LSFH)
Bending radius, long-term	30.00 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C

RAD-ISM-2459-ANT-FOOD-6-0 - Antenna



2692526

<https://www.phoenixcontact.com/us/products/2692526>

Wind velocity	12.34568 km/h (Has a force of 10 N)
---------------	-------------------------------------

Mounting

Mounting type	Control cabinet
Assembly note	Protection class: IP68, only when mounted on a level surface

2692526

<https://www.phoenixcontact.com/us/products/2692526>

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(b), 6(b)-II, 6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

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