

Antenna - ANT-OMNI-2459-02 - 2701408

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




Omnidirectional antenna, 2.4 GHz/5 GHz, gain: 2.5 dBi/5 dBi, polarization: linear, opening angle: h/v 360°/30°/16°, degree of protection: IP68, connection: N (male), corresponding connecting cable for control cabinet feed-through (Order No. 2701402)

Why buy this product

- For freely mobile applications
- For multipoint or mesh connections

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 746731
GTIN	4046356746731

Technical data

Dimensions

Length	180 mm
Diameter	23 mm

Ambient conditions

Degree of protection	IP68
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

General

With connecting cable	No
Frequency range	2.4 GHz
	5 GHz
	2.4 GHz ... 2.5 GHz
	5.15 GHz ... 5.83 GHz
Horizontal beamwidth	360 ° (at 2.4 GHz)

Antenna - ANT-OMNI-2459-02 - 2701408

Technical data

General

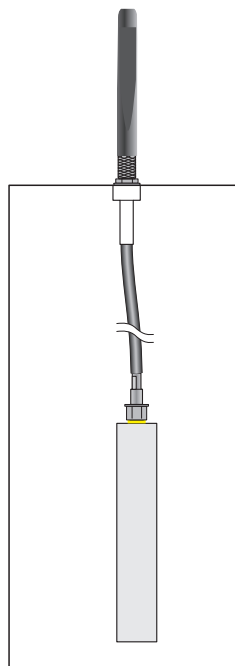
Vertical beamwidth	30 ° (at 2.4 GHz)
Polarization	Linear vertical
Impedance	50 Ω
Gain	2.5 dBi (2.4 GHz)
	5 dBi (5 GHz)
Connection method	N (male)
Material	ABS-PC (Antenna housing)
Mounting type	Control cabinet
Assembly instructions	Accessories required

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram



Installation example

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>