

INDUSTRIAL COMPONENT DATA

ANT-DIR-2459-01 2701186 PHOENIX CONTACT Antenna

Brand: PHOENIX CONTACT | Manufacturer Part Number: ANT-DIR-2459-01



Manufacturer	PHOENIX CONTACT
MPN / Reference	ANT-DIR-2459-01
Catalog number	2701186
Category	Wireless antenna
Minimum order	1 Pcs
Document ID	EO-9D0BADC150
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Product Overview

Antenna

Directional antenna for pole or wall mounting, 2.4 GHz/5 GHz, gain: 9 dBi, protection rating: IP67, impact resistant: IK06, seawater resistant, N connection (female), incl. mounting bracket and pole clamps, ATEX and IECEx approval

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > I/O
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Additional Product Information

Key Commercial Data

Orderkey 2701186

Packing unit 1 pc

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GTIN 4046356717182

Weight per Piece (excluding packing) 180.000 g

Custom tariff number 85177000

Country of origin PL (Poland)

Dimensions

Dimensional drawing

Width 80 mm

Height 101 mm

Length 35 mm

Ambient conditions

Degree of protection IP67

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

Ambient temperature (storage/transport) -40 °C ... 75 °C

General

With connecting cable No

Frequency range 2.4 GHz

5 GHz

2.4 GHz ... 2.5 GHz

5.15 GHz ... 5.875 GHz

Horizontal beamwidth 75 ° (at 2.4 GHz)

Vertical beamwidth 55 ° (at 2.4 GHz)

Polarization Linear vertical

Impedance 50 Ω

Gain 9 dBi

Wind velocity 160 km/h (Has a force of 15 N)

Connection method N (female)

Conformance CE-compliant

ATEX ? II 1G Ex ia IIC T6 Ga

IECEEx Ex ia IIC T6 Ga

Material Lexan EXL 9330 (Antenna housing)

V2A (Bracket)

V2A (Mast clip)

Mounting type Mast mounting or wall mounting

External diameter 25 mm ... 85 mm (Mast)

Standards and Regulations

Standards/regulations EN 60079-0

EN 60079-11

EN 60079-26

Conformance CE-compliant

ATEX ? II 1G Ex ia IIC T6 Ga

IECEEx Ex ia IIC T6 Ga

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 25;

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.027240409eCl@ss 4.127240409eCl@ss 5.027242215eCl@ss 5.127242700eCl@ss 6.027242200eCl@ss

7.019070105eCl@ss 8.019070105eCl@ss 9.019070105

ETIM 3.0EC001...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ANT-DIR-2459-01 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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