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-26BF9AF226
Generated	2026-11-18

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

Additional Product Information

Key Commercial Data
Orderkey 2701186
Packing unit 1 pc
Catalog page Page 473 (C-6-2017)
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 ?
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
IECEx 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
IECEx 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.