INDUSTRIAL COMPONENT DATA

ANT-DIR-868-01 2702137 PHOENIX CONTACT Antenna

Brand: PHOENIX CONTACT | Manufacturer Part Number: ANT-DIR-868-01



Manufacturer	PHOENIX CONTACT
MPN / Reference	ANT-DIR-868-01
Catalog number	2702137
Category	Wireless antenna
Minimum order	1 Pcs
Document ID	EO-55509F3F96
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Product Overview

Antenna
Directional antenna for pole or wall mounting, frequency band: 868 MHz, gain: 3.5 dBi, circular polarization, protection index: IP67, shock resistant: IK06, seawater resistant, connection:N (female), incl. mounting brackets and pole clamps, ATEX and IECEx approval
Directional antenna for mast or wall mounting, frequency band: 868 MHz, gain: 3.5 dBi, circular polarized, degree of protection: IP67, shockproof: IK06, seawater-resistant, connection: N (female), incl. mounting bracket and mast 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 > Safety

Additional Product Information

Technical dataNotesNote on application
Note on application Only for industrial use
Utilization restriction
CCCex note Use in potentially explosive areas is not permitted in China.
Product propertiesProduct type Antenna
Scope of delivery included mounting bracket and mast clamps
Radiation characteristics Directional
Gain 3.5 dBi
Vertical beamwidth 90 °
Horizontal beamwidth 135 °

Polarization Circular clockwise
Data management status
Article revision 00
Electrical propertiesFrequency band 868 MHz
Frequency range 868 MHz ... 870 MHz
Impedance 50 ?
Maximum capacity 10.00 W
Connection dataConnection technology
Connection method N (female)
Outside diameter 25 mm ... 85 mm (Mast)
Ex dataSafety data
Input voltage Ui 30 V
Input current Ii 600 mA
Input power Pi <= 1 W (30 dB)
Max. internal inductance Li negligible
Capacitance Ci negligible
DimensionsDimensional drawing
Width 80 mm
Height 100 mm
Length 35 mm
External dimensions
Outside diameter 25 mm ... 85 mm (Mast)
Material specificationsMaterial (Radom) Lexan EXL 9330
Material (Holder) Stainless steel V2A
Material (Mast clamp) Stainless steel V2A
Flammability rating according to UL 94 V0
Cable/lineOther resistance salt water resistant
Environmental and real-life conditionsAmbient conditions
Degree of protection IP67
Impact strength IK06
Ambient temperature (operation) -40 °C ... 75 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Wind velocity 220 km/h
ApprovalsCE
Certificate CE-compliant
ATEX
Identification ? II 1G Ex ia....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ANT-DIR-868-01 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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