INDUSTRIAL COMPONENT DATA

# RAD-ISM-900-ANT-YAGI-6.5-N 2867814 PHOENIX CONTACT Antenna

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RAD-ISM-900-ANT-YAGI-6.5-N**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RAD-ISM-900-ANT-YAGI-6.5-N |
| Catalog number | 2867814 |
| Category | Wireless antenna |
| Minimum order | 1 Pcs |
| Document ID | EO-DF14B276C1 |
| Generated | 2026-11-19 |

## Product Overview

Antenna
Directional antenna, 868 MHz / 900 MHz, gain: 8.5 dBi, polarization: linear, aperture angle: h/v 100 /62 , protection rating: IP65, connection: N (female), incl. mounting bracket and mast clamps

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

Key Commercial Data
Orderkey 2867814
Packing unit 1 pc
Catalog page Page 474 (C-6-2017)
GTIN 4017918976699
Weight per Piece (excluding packing) 1,236.000 g
Custom tariff number 85177000
Country of origin US (United States)
Dimensions
Width 60.5 mm
Height 172 mm
Length 304.8 mm
Fixed cable length 0.60 m

Ambient conditions
Degree of protection IP65
Ambient temperature (operation) -40 °C ... 80 °C
General
With connecting cable yes
Frequency range 900 MHz
868 MHz ... 960 MHz
Horizontal beamwidth 100 °
Vertical beamwidth 62 °
Polarization Linear vertical or horizontal
Impedance 50 ?
Gain 8.5 dBi
Wind velocity 200 km/h
Connection method N (female) with cable (0.6 m)
Fixed cable length 0.60 m
Material Aluminum (Antenna housing)
V2A (Bracket)
V2A (U-shaped screw)
Mounting type Mast mounting
External diameter 32 mm ... 60 mm (Mast)
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.027250312eCl@ss 4.127250312eCl@ss 5.019070102eCl@ss 5.119070100eCl@ss 6.019070100eCl@ss 7.019070105eCl@ss 8.019070105eCl@ss 9.019070105
ETIM 2.0EC000416ETIM 3.0EC001698ETIM 4.0EC001698ETIM 5.0EC001698ETIM 6.0EC001698
UNSPSC 6.0143171611UNSPSC 7.090143221706UNSPSC 1143171611UNSPSC 12.0143221706UNSPSC 13.243221715

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RAD-ISM-900-ANT-YAGI-6.5-N 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.