

Antenna - RAD-ISM-900-ANT-YAGI-6.5-N - 2867814

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>)



Directional antenna, 868 MHz / 900 MHz, gain: 8.5 dBi, polarization: linear, opening angle: h/v 100°/62°, degree of protection: IP65, connection: N (female), incl. mounting bracket and mast clips

Your advantages

- ✓ For large distances
- ✓ For point-to-point connections

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 976699
GTIN	4017918976699

Technical data

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 °

Antenna - RAD-ISM-900-ANT-YAGI-6.5-N - 2867814

Technical data

General

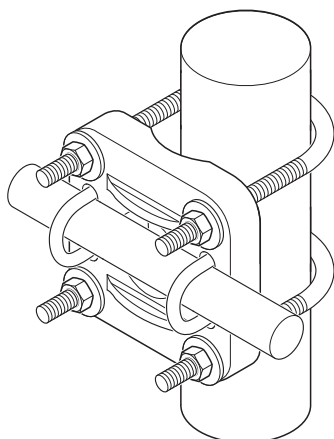
Polarization	Linear vertical or horizontal
Impedance	50 Ω
Gain	8.5 dBi
Wind velocity	200 km/h
Connection method	N (female) with cable (0.6 m)
Fixed cable length	0.60 m
Material	Aluminum (Antenna housing)
	V2A (Bracket)
	V2A (U-shaped screw)
Mounting type	Mast mounting
External diameter	32 mm ... 60 mm (Mast)

Environmental Product Compliance

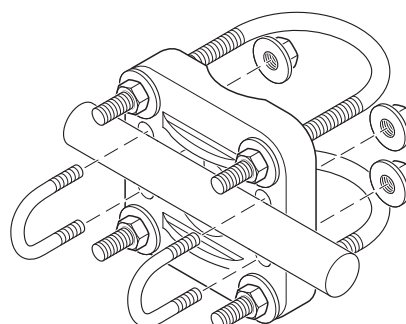
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Schematic diagram



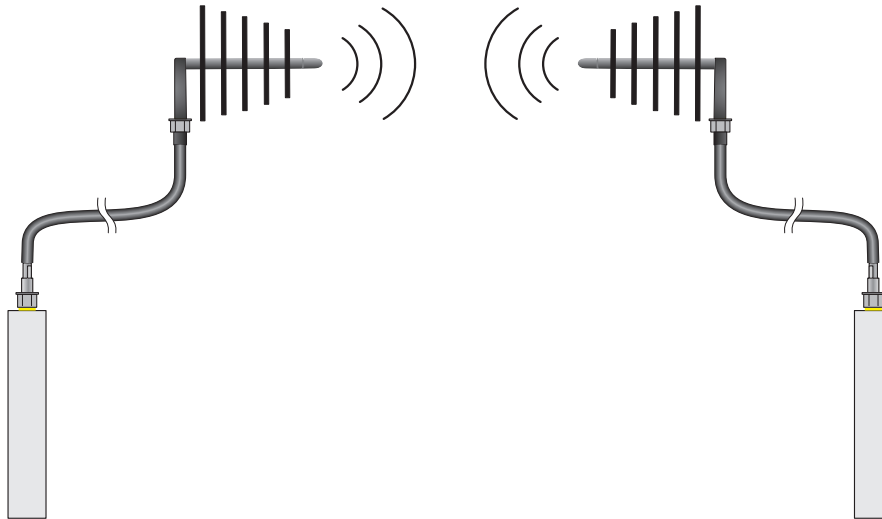
Schematic diagram



Mast mounting

Antenna - RAD-ISM-900-ANT-YAGI-6.5-N - 2867814

Schematic diagram



Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>

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